Johnson C. Smith University

CATALOG 1983-1985

JOHNSON C. SMITH UNIVERSITY

IS A

FULLY ACCREDITED MEMBER

OF THE

Southern Association of Colleges and Schools

Association of American Colleges

Association of Governing Boards of Universities and Colleges

American Council on Education

American Association of Colleges for Teacher Education

Council on Protestant Colleges and Universities

National Association for Equal Opportunity in Higher Education

North Carolina Association of Independent Colleges and Universities

North Carolina Association of Colleges and Universities

College Entrance Examination Board

Presbyterian College Union

United Negro College Fund

Charlotte Area Educational Consortium

Division of Teacher Education
State Department of Public Instruction

* * * * *

JOHNSON C. SMITH UNIVERSITY

IS APPROVED

BY THE

American Medical Association

American Association of University Women

* * * * *

Admission to, employment by, and promotion within the University shall be on the basis of merit, and there shall be no discrimination on the basis of race, color, creed, sex, national origin, or handicap.

Johnson C. Smith University

CATALOG 1983-1985

CHARLOTTE, NORTH CAROLINA
28216

This catalog is not to be construed as a contract. The University has the right to change fees, tuition, or other charges; to add or to delete courses; to revise academic programs; or to alter regulations and requirements as deemed necessary. Johnson C. Smith University offers both equal education and equal employment opportunities.

Johnson C. Smith University, Incorporated, shall continue the present policy of admitting students of any race, color, sex, national and ethnic origin, to all rights, privileges, programs and activities generally accorded to or made available to students at the University.

An Affirmative Action/Equal Opportunity Institution

—UNIVERSITY CALENDAR—

1983-1984

FALL SEMESTER

August 27	Residence Halls open to Freshmen at 9:00 a.m. The First Meal will be served at the evening hour.
August 29	PRE-SCHOOL CONFERENCE
August 27-30	Freshman Orientation. This includes health examinations, written tests and orientation sessions. All freshmen who plan to enroll for the first semester should report to the campus Saturday, August 27, 1983 by 9:00 a.m.
August 30-31	Registration for Freshman, Sophomore, and New Transfer Students
September 1-2	Registration for **ALL** other students*
September 5	Labor Day (Holiday)
September 6	FIRST DAY OF CLASSES
September 6	**Last day to enter for the Fall Semester**
September 7-13	Change of Program (Drop-Add)
September 13	**LAST DAY FOR ADDING COURSES**
October 7	Handwriting and Spelling Test for Teacher Education Program
October 12	Last day to file application for admission into the Teacher Education Program. Last day to file application for student teaching in the spring.
October 14	Candidates completing requirements for graduation at the close of winter semester **MUST** file application for degrees in the Office of the Registrar on or before this date.
October 17-18	Mid-Semester Examinations
October 21	Mid-Semester grades are due in Registrar's Office.
October 28	LAST DAY FOR DROPPING COURSES
November 4	Alumni Day (No Classes)
November 5	HOMECOMING
November 23	Thanksgiving Recess begins at 1:00 p.m.
November 24-27	Thanksgiving Recess (Classes will resume November 28)
December 4 or 11	Annual Christmas Program by Music Dept.
December 9	LAST DAY OF CLASSES
December 12-15	FALL SEMESTER EXAMINATIONS
December 16	Grade reports due in Registrar's Office
December 18-January 9	The Christmas Recess. Residence Halls and Dining Hall will close Saturday, December 17, at 5:00 p.m.

*ALL STUDENTS ARE REQUIRED TO REGISTER DURING THIS PERIOD.

SPRING SEMESTER

January 8	Residence Halls will open at 9:00 a.m.
January 9-10	Orientation—Freshman and Transfer Students entering for the spring semester
January 9	FACULTY PRE–SEMESTER MEETING (9:00 a.m.-12:00 n) (2:00-4:00 p.m.)
January 10-11	Returning students should report on these days to obtain registration permits and consult with faculty advisors.
January 11-13	REGISTRATION FOR **ALL** STUDENTS*
January 15	Dr. Martin Luther King's Birthday
January 16	(HOLIDAY)
January 17	FIRST DAY OF CLASSES
January 17	Last day to enter for the spring semester
January 17-20	Change of Program (Add-Drop)
January 20	LAST DAY TO ADD COURSES
February 5-12	Black History Recognition Week
February 14-19	Spiritual Emphasis Week
February 15	Candidates completing requirements for graduation at the close of spring semester **MUST** file an application for degrees in the Office of the Registrar on or before this date.
February 27-28	MID–SEMESTER EXAMINATIONS
March 2	Mid-Semester grades are due in Registrar's Office.
March 9	LAST DAY FOR DROPPING COURSES
March 10-18	SPRING RECESS (Classes will resume on March 19).
March 20	Last day to file application for admission into the Teacher Education Program. Last day to file application for student teaching in the Fall.
March 18-24	Women's Week
April 1	Founder's Day Convocation
April 19-23	EASTER RECESS begins at 1:00 p.m. on April 19. (Classes will resume on April 24)
April 22	EASTER SUNDAY
April	NATIONAL LIBRARY WEEK**
April 24-29	Men's Week
May 8	LAST DAY OF CLASSES FOR GRADUATING SENIORS
May 9-11	FINAL EXAMINATIONS FOR GRADUATING SENIORS
May 11	LAST DAY TO WITHDRAW FROM THE UNIVERSITY
May 11	Last day of classes for non-graduating students
May 14-17	Spring Semester Examinations for Non-Graduating Students

May 18-19 ..... COMMENCEMENT ACTIVITIES
May 20 ..... COMMENCEMENT
May 21-22 ..... FACULTY POST–SCHOOL CONFERENCE
SUMMER SCHOOL ..... (TO BE ANNOUNCED)
*ALL STUDENTS ARE REQUIRED TO REGISTER DURING THIS PERIOD.
**Dates to be announced.

—UNIVERSITY CALENDAR—

1984-1985

FALL SEMESTER

August 25 ..... Residence Halls open to Freshmen at 9:00 a.m. The First Meal will be served at the evening hour.
August 27 ..... PRE-SCHOOL CONFERENCE
August 25-28 ..... Freshman Orientation. This includes health examinations, written tests and orientation sessions. All freshmen who plan to enroll for the first semester should report to the campus Saturday, August 25, 1984 by 9:00 a.m.
August 28-29 ..... Registration for Freshman, Sophomore, and New Transfer Students
August 30-31 ..... Registration for **ALL** other students*
September 3 ..... Labor Day (Holiday)
September 4 ..... FIRST DAY OF CLASSES
September 4 ..... **Last day to enter for the Fall Semester**
September 5-11 ..... Change of Program (Drop-Add)
September 11 ..... **LAST DAY FOR ADDING COURSES**
October 12 ..... Handwriting and Spelling Test for Teacher Education Program
October 17 ..... Last day to file application for admission into the Teacher Education Program. Last day to file application for student teaching in the spring.
October 19 ..... Candidates completing requirements for graduation at the close of winter semester **MUST** file application for degrees in the Office of the Registrar on or before this date.
October 15-16 ..... Mid-Semester Examinations
October 19 ..... Mid-Semester grades are due in Registrar's Office.
October 26 ..... Alumni Day (No Classes)
October 27 ..... HOMECOMING
November 2 ..... LAST DAY FOR DROPPING COURSES
November 21 ..... Thanksgiving Recess begins at 1:00 p.m.
November 21-25 ..... Thanksgiving Recess (Classes will resume November 26)

December 2 or 9	Annual Christmas Program by Music Dept.
December 7	LAST DAY OF CLASSES
December 10-13	FALL SEMESTER EXAMINATIONS
December 14	Grade reports due in Registrar's Office
December 16-January 6	The Christmas Recess. Residence Halls and Dining Hall will close Saturday, December 15, at 5:00 p.m.

*ALL STUDENTS ARE REQUIRED TO REGISTER DURING THIS PERIOD.

SPRING SEMESTER

January 6	Residence Halls will open at 9:00 a.m.
January 7	Orientation—Freshman and Transfer Students entering for the spring semester
January 7	FACULTY PRE-SEMESTER MEETING (9:00 a.m.-12:00 n) (2:00-4:00 p.m.)
January 8-9	Returning students should report on these days to obtain registration permits and consult with faculty advisors.
January 9-11	REGISTRATION FOR **ALL** STUDENTS*
January 14	FIRST DAY OF CLASSES
January 14	Last day to enter for the spring semester
January 15	Dr. Martin Luther King's Birthday (Holiday)
January 14-18	Change of Program (Add-Drop)
January 18	LAST DAY TO ADD COURSES
February 3-10	Black History Recognition Week
February 11-17	Spiritual Emphasis Week
February 13	Candidates completing requirements for graduation at the close of spring semester **MUST** file an application for degrees in the Office of the Registrar on or before this date.
February 25-26	MID-SEMESTER EXAMINATIONS
March 1	Mid-Semester grades are due in Registrar's Office.
March 3-10	SPRING RECESS (Classes will resume on March 11).
March 15	LAST DAY FOR DROPPING COURSES
March 18	Last day to file application for admission into the Teacher Education Program. Last day to file application for student teaching in the Fall.
March 18-24	Women's Week
March 31	Founder's Day Convocation
April 4-9	EASTER RECESS begins at 1:00 p.m. on April 4. (Classes will resume on April 9)
April 7	EASTER SUNDAY

April	NATIONAL LIBRARY WEEK**
April 28-May 4	Men's Week
May 7	LAST DAY OF CLASSES FOR GRADUATING SENIORS
May 8-10	FINAL EXAMINATIONS FOR GRADUATING SENIORS
May 10	LAST DAY TO WITHDRAW FROM THE UNIVERSITY
May 10	Last day of classes for non-graduating students
May 13-16	Spring Semester Examinations for Non-Graduating Students
May 17-18	COMMENCEMENT ACTIVITIES
May 19	COMMENCEMENT
May 20-21	FACULTY POST–SCHOOL CONFERENCE
SUMMER SCHOOL	(TO BE ANNOUNCED)

*ALL STUDENTS ARE REQUIRED TO REGISTER DURING THIS PERIOD.

**Dates to be announced.

JOHNSON C. SMITH UNIVERSITY

100 Beatties Ford Road

Charlotte, North Carolina 28216

Telephone: (704) 378-1000

QUICK REFERENCE DIRECTORY: 1983-1985

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GENERAL INFORMATION

HISTORY

In 1867 the Reverend S. C. Alexander and the Reverend W. L. Miller saw the need to establish an institution in this section of the South and began to devise such plans as would secure the desired results. On April 7, 1867, at a meeting of the Catawba Presbytery in the old Charlotte Presbyterian Church, formerly located at the corner of D and Fourth Streets, Charlotte, North Carolina, the movement for the school was formally inaugurated, and these two ministers were elected as teachers.

Information concerning the establishing of the school was brought to the attention of Mrs. Mary D. Biddle, an excellent churchwoman of Philadelphia, Pennsylvania, who, through appeals on behalf of the work in one of the church papers, pledged $1400. In appreciation of this first and generous contribution, friends of the project requested Mrs. Biddle to name the newly established school after her late husband, Major Henry Biddle. After the request was granted, the school was named Biddle Memorial Institute and later was chartered by the State Legislature under that name.

The first eight acres of land used as the site for the school were donated by Colonel W. R. Myers, a wealthy citizen of Charlotte, North Carolina. From 1867 to 1876 the school was known as the Biddle Memorial Institute. In 1876 the charter was changed by the Legislature of North Carolina, and the name of the school became Biddle University. The institution operated under this name until 1923.

From 1921 to 1922 the late Mrs. Jane Berry Smith, of Pittsburgh, Pennsylvania, gave funds for the erection of a theological dormitory, a science hall, a teachers' cottage, and a memorial gate at Biddle University. In addition, she provided a handsome endowment for the institution in memory of her late husband, Johnson C. Smith. In recognition of these generous benefactions, the Board of Trustees voted to change the name of the institution to Johnson C. Smith University. The charter of the school, accordingly, was so amended March 1, 1923, by the Legislature of the State of North Carolina. From 1923 until her death in October, 1929, Mrs. Smith gave funds for the erection of five more buildings, including a campus church.

The University was further strengthened from 1924 to 1925 as a result of a substantial provision by James B. Duke, a wealthy, "wise,

magnanimous" businessman of Somerville, New Jersey. Mr. Duke also had a home in Charlotte and had been contacted by the president of the University, Dr. H. L. McCrorey, several years earlier for a contribution. Mr. Duke did not respond to Dr. McCrorey's letter, but in the authorization of the establishment of the Duke Endowment on December 11, 1924, Johnson C. Smith University was included as one of the beneficiaries. Through the years the Duke Endowment has been of inestimable value to the continued development of the University.

The institution was recognized that year by the North Carolina State Board of Education as a four-year college. In 1929 the high school department was discontinued, and the standard program was restricted to a college of liberal arts and sciences and a theological department.

In 1932 the University's charter was amended, providing for the admission of women to the senior division. The 65-year-old institution for men then became partially coeducational.

In 1938 the institution attained the status of an independent college, affiliated with the Presbyterian Church in the United States of America, reporting to the General Assembly through the Board of Christian Education.

The first residence hall for women, named in memory of James B. Duke, was dedicated in 1940. In 1941 women were admitted to the freshman class. When the Diamond Jubilee was celebrated in 1942, the University was a fully coeducational institution.

Johnson C. Smith University joined the United Negro College Fund in 1944. This fund was organized primarily to help church-related schools of higher learning to revamp their training program, to expand their plants, to promote faculty growth, and to create new areas of service. The institution's membership in the fund began to bear fruit immediately.

In November, 1955, the Henry Lawrence McCrorey Theological Hall was dedicated and provided a new home for the 88-year-old seminary and its library. This new facility also provided space for a small chapel, classrooms, and offices. In 1969 the theological department was moved from Charlotte, North Carolina, to Atlanta, Georgia, and became a part of the Interdenominational Theological Center. McCrorey Hall is now a classroom building for religious education, philosophy, sociology, and other academic areas.

Through increasing support from the Duke Endowment, the United Negro College Fund, and other sources, the period between 1955 and 1968 was one of expansion of the physical plant and enrichment of the curriculum. Seven new buildings were erected during this period: the new gymnasium (1960), the Hardy Liston Residence Hall for women (1962), the University Memorial Union (1965), the Duke Memorial

Library (1967), Myers Residence Hall for men and Sanders Residence Hall for women (1967), and a new science building (1968).

The institution completed in 1966 a two-year self-study program, which resulted in significant innovations in the curriculum. The year 1967 was a memorable one for all Johnson C. Smith University (formerly Biddle) alumni and friends. The University had reached its one hundredth anniversary. During this historic centennial occasion, the institution examined its past and made innovative and creative plans for the future.

The present site contains 85 acres of land and 46 buildings. The University has more than fourteen hundred students and approximately 240 full-time faculty members, administrators, and staff members for administrative and support services.

Increasingly aware that today's demand for truly educated men and women is the most pressing in history and that quality and versatility are prerequisite to equal opportunity for all, Johnson C. Smith faces the challenge of her second century with new vision and a calculated plan of action.

PURPOSE

Johnson C. Smith University, an independent private college of liberal arts, was founded under the auspices of the Committee on Freedmen of the Presbyterian Church, U.S.A. The original purpose, which was to provide an institution of training "for the ministry, for catechists, and for teachers," has been greatly expanded. At the present time, Johnson C. Smith University exists as an undergraduate institution of higher learning, offering varied fields of study in the context of the small liberal arts college tradition, and is open to all qualified persons.

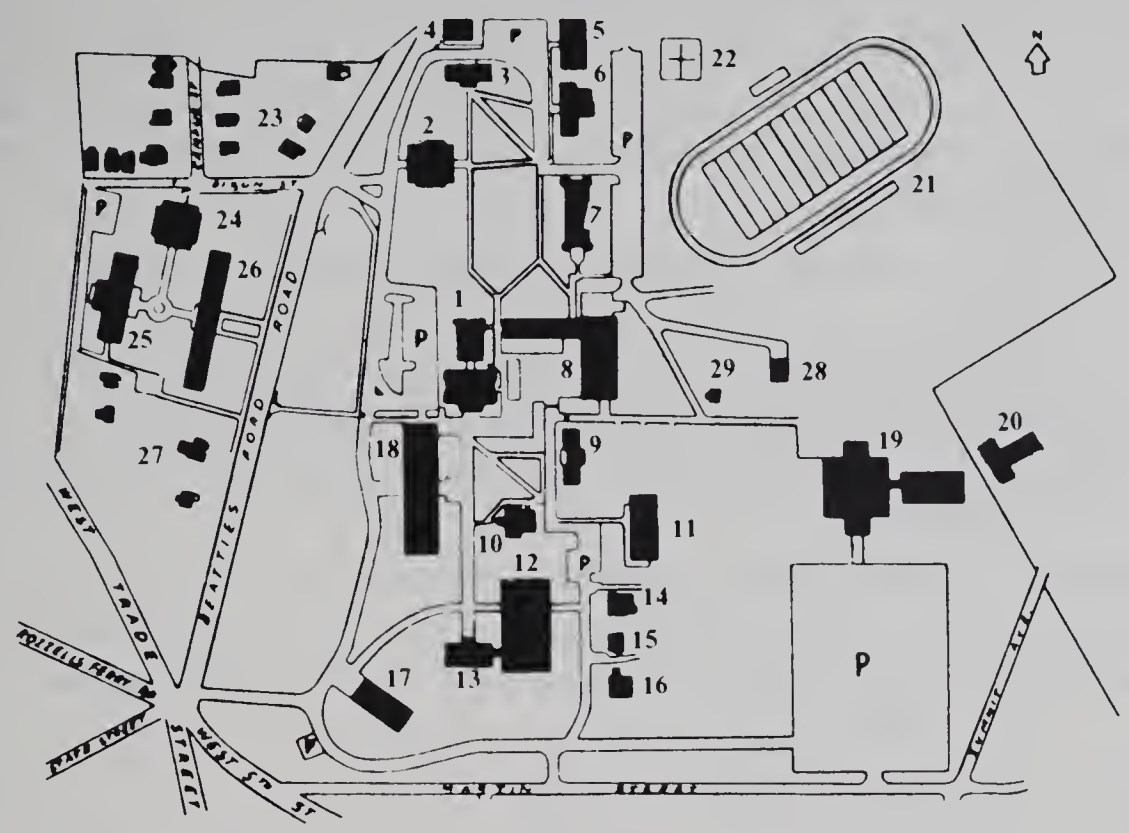
The general purpose of Johnson C. Smith University is to provide an environment in which men and women may realize as fully as possible their individual potential for intellectual, social, spiritual, emotional, and physical growth, the purpose is to encourage and to develop objective, critical, and creative thinking, together with the ability to communicate thoughts and feelings effectively. In terms of social growth, the purpose is to develop the sensitivity and capability necessary for constructive human relationships at all levels of interaction, both with other individuals and with groups. In terms of spiritual growth, the purpose is to offer avenues for examining and expressing religious, moral, and aesthetic values and commitments. In terms of emotional growth, the purpose is to provide assistance in continuing development of realistic self-understanding and self-acceptance. In terms of physical growth, the purpose is to provide for both theoreti-

cal understanding and practical implementation of the conditions necessary for the physical well-being of the individual and the community.

In the realization of these general goals of liberal arts education, Johnson C. Smith University has certain specific concerns and distinctive emphases which give the institution its individuality and identity. The special characteristics of Johnson C. Smith University include the following:

1. Effective relationships between the theoretical and the practical, between the development of the basic tools of communication and their application to various occupational fields
2. Primary emphasis upon teaching as the basic function of the faculty, with provisions for continuing evaluation, research and improvement of the teaching-learning process.
3. Concerted efforts to meet the actual needs of all students by devising specially designed programs both for the marginally prepared and for the exceptionally well prepared, as well as enriched and innovative programs for the adequately prepared
4. Explicit attention given to the experiences, outlook, and needs of particular cultural groups, with the constant endeavor to integrate this concentration into the study and appreciation of American and other cultures
5. Acknowledgment of the history and current relevance of the religious heritage of man, as well as the development of new ways for relating the religious orientation and tradition of the University to that heritage
6. Adoption and development of an integrative approach to all aspects of the life and work of the University
7. Development of relationships between the University and the community wherein each benefits from the presence of the other

CAMPUS MAP



Johnson C. Smith University
Charlotte, North Carolina 28216

LEGEND

1. Biddle Memorial Hall (Administration Building)
2. Myers Hall (Men's Dormitory)
3. Berry Hall (Men's Dormitory)
4. Maintenance Building
5. Financial Affairs Office
6. Band Room
7. Carter Hall (Men's Dormitory)
8. University Memorial Union
9. Smith Hall (Men's Dormitory)
10. Carnegie Building (Student Affair
11. McCrorey Hall
12. Rufus R. Perry Science Hall
13. George E. Davis Science Hall
14. Infirmary
15. Smith Cottage—Writing Center
16. Johnson/Seabrook Education Building: The Mary Irwin Belk Early Childhood Center
17. University Church
18. James B. Duke Memorial Library
19. Jack S. Brayboy Gymnasium
20. Gymnasium Office Annex
21. Sanders-McCrorey Field
22. Tennis Courts
23. Faculty and Student Housing
24. Sanders Hall (Women's Dormitory)
25. Duke Hall (Women's Dormitory)
26. Liston Hall (Women's Dormitory)
27. Cottages
28. Heating Plant
29. Faculty Office Building

P. Parking Area

Johnson C. Smith University is located at 100-300 Beatties Ford Road near the intersection of West Trade Street, Fifth Street, and Rozzells Ferry Road in Charlotte, North Carolina. Charlotte is served by Eastern, Delta, Piedmont, and United Airlines, by Greyhound and Trailway buses, and by Southern Railway. The campus is easily accessible to Interstates 85 and 77.

BUILDINGS

Biddle Memorial Hall, the main building on the campus, contains the administration offices of the University, conference rooms, classrooms, and lounges for faculty and students. The building consists of five stories, including the basement. Biddle Memorial Hall is located on the highest knoll of the campus and may be seen from almost any section of the city.

Carter Hall, built in 1896, is a dormitory for college men. The original building was a gift of Miss Laura Carter of Geneva, New York. In 1955 the building was completely modernized on the inside, leaving the outside walls to retain the original architecture. It houses 106 students and contains a lounge, recreation area, and living quarters for the director.

Johnson C. Smith Memorial Hall, which stands on the eastern side of the campus, supplies rooms for about 62 men students. It was named for the late Johnson C. Smith of Pittsburgh, Pennsylvania.

Berry Hall, a dormitory for men, stands at the northern end of the campus. It has four stories, including a basement. This dormitory, which was given in memory of the late Mrs. Smith's parents, has a reception parlor and houses about 55 students.

The James B. Duke Memorial Hall, the first dormitory to be constructed on the campus for the housing of female students, is located across Beatties Ford Road at the southwest end of the University campus. The three-story building in Georgian in style and has exterior walls of brick with limestone trimming. In addition to ideal living quarters for approximately 110 students, it includes the director's office, a beauty parlor, and laundry and trunk rooms.

Carnegie Hall, which housed the library from 1911 to 1968, is now occupied by the Offices of the Vice-President for Student Affairs, Director of Student Life Programs, Counseling and Testing Services, Career Planning and Placement, and Financial Aid.

The Jane M. Smith Memorial Church, located near the former entrance to the campus, is a gift of the late Mrs. Jane Berry Smith. This beautiful building, which was erected in 1928, is made of colonial brick with limestone trimming and has a front supported by limestone columns.

Smith Cottage, originally built as the winter home for Mrs. Johnson C. Smith, now houses the Writing Center.

The Henry Lawrence McCrorey Memorial Hall, dedicated on November 12, 1955, was formerly the administration building for the School of Theology. It was erected from funds raised by alumni, churches in the Catawba, Atlantic, Blue Ridge, and Canadian Synods, local friends, and the Building Fund Campaign of the Presbyterian Church, U.S.A. It contains three stories, including space for class-

rooms, offices, an assembly room, a meditation room, a reception room, the Freshmen-Sophomore Center, Social Science Labs, Social Science Library and a stock room.

The Central Heating Plant was dedicated on April 7, 1954. It replaces individual heating units and is capable of furnishing heat and hot water for several buildings on the campus.

The Hartley Woods Hall, a gift of the late Mrs. Jane Berry Smith, was the original campus gymnasium and is situated at the northern end of the University Quadrangle. It now houses the Office of Financial Affairs.

The Jack S. Brayboy Gymnasium was completed in 1961. It is ideally situated on a spacious plot adjacent to a wooded area of the campus and is well away from other campus buildings. The gymnasium is a split-level brick and steel structure with a main playing floor, a seating capacity of 2500, two lobbies, and accessory equipment and storage rooms on the upper level. On the lower level are five instructors' offices, two classrooms, the main equipment and storage rooms, and the main physical education locker and tower rooms.

A glass-enclosed corridor connects the Pool Building with the lower level of the gymnasium. The south wall of the building is of fixed glass with sliding glass doors that open onto a patio which encompasses the length of the building. The swimming pool, which is seventy-five feet long and forty-two feet wide, meets indoor Olympic regulations. The depth of the pool is from three to ten feet. The Pool Building also contains the swimming instructor's office, toilet facilities, and beneath the pool deck, a corridor that encircles the pool wall and extends to the mechanical equipment room.

Liston Hall, dedicated on April 7, 1963, is a dormitory for women. Of modern design, the building will accommodate 152 students. It has two lounges and other facilities adequate for the convenience of young ladies. The building was named in memory of Dr. Hardy Liston, who served as president of the University from 1947 until his death in 1956.

The University Memorial Union, dedicated on May 30, 1965, is a beautiful three-story building which includes a cafeteria, a snack bar, conference rooms, faculty and student lounges, a bookstore, a post office, a music listening room, guest rooms, staff offices, recreational facilities, an all-purpose lounge and ballroom, a browsing-reading room, and the radio station.

The James B. Duke Memorial Library, a modern structure near the center of the campus, was completed in the summer of 1967. It has an open-shelf arrangement, designed to create interest and to provide easy access to the collection.

Total resources of the library include materials directly related to classroom work, as well as general and recreational reading materials.

It houses valuable reference books, bound and unbound periodicals, pamphlets, and audio-visual materials, in addition to the general book collection—all of which promote the objectives of the University. There are frequent displays on subjects of general and special interest.

Books and periodicals that are not available in the James B. Duke Memorial Library may be obtained from other libraries through inter-library loans and copying facilities.

Comfortable reading areas are provided on both floors of the library. On the second floor are located study carrels for instructors and students. The west wing of the building houses the Audiovisual Center and two classrooms for lectures and viewing.

Policies, designed for the interest of all users of the library, appear in the *Library Guide,* which is distributed at the circulation desk.

Myers Hall, completed in 1967, accommodates 122 men students. A modern four-story structure, the building has on the first floor an apartment for the director, a two-room suite for counselors, a lounge, a TV-snack room, laundry facilities, and an office for the assistant director of student life programs for men.

Sanders Hall, built in 1967, accommodates 120 women students. The four-story building has on the first floor two apartments for directors, a snack bar, a grooming room, laundry facilities, and an office for the assistant director of student life programs for women.

The New Science Center. The Science Center is composed of the completely renovated George E. Davis Science Hall and the new Rufus Patterson Perry Science annex which was completed and occupied in September 1968. This handsome tri-level structure was dedicated on April 2, 1978 in honor of the eighth former president of the University, Dr. Rufus P. Perry.

The Science Center is fully equipped for teaching, research and has classroom, offices, laboratories, which facilitate experimental work in chemistry, the life sciences, mathematics, physics, earth sciences, psychology, computer science, and engineering sciences.

The Johnson/Seabrook Education Building and Early Childhood Education Center. In June of 1976, Johnson C. Smith University began construction of a new facility to house the Education and Business/Economics Departments. The Mary Irwin Belk Early Childhood component was added as a teaching laboratory and community service project. Major donors who contributed to the facility were: The Belk Family Foundation; Department of HEW Higher Education Facilities; the Kresge Foundation; Observer Charities and the Z. Smith Reynolds Foundation. (Building erected during the administration of President Wilbert Greenfield)

PUBLICATIONS

The *Johnson C. Smith University Catalog* and admissions materials are published by the University.

The Bull, the yearbook, is published annually by the students.

The Newsletter is published during the fall and the spring by the Office of Alumni Affairs.

The University Student, the campus newspaper, is published periodically during the school year by the students.

The Student Handbook is published by the Office of Student Affairs as a guide to student life at the University.

The Galaxies is a summer publication of the Office of Public Relations.

ADMINISTRATIVE ORGANIZATION

Board of Trustees

The Board of Trustees exercises final authority of all University governance within the limits of the established charter granted to the institution by the State of North Carolina. The trustees delegate authority to various divisions of the University through the president. The officers of the University are delegated a portion of the responsibility for functions within the University. Brief descriptions of these offices and responsibilities follow.

Officers of the University

The president of Johnson C. Smith University is elected by the Board of Trustees and is an ex-officio member of the board. The other officers of the administration are appointed by the Board of Trustees upon the recommendation of the president. The following positions comprise the officers of Johnson C. Smith University; president, vice-president for academic affairs, vice-president for business and financial affairs, vice-president for student affairs, and vice-president for development.

Office of the President: All officers of the University report directly to the president and, through him, to the Board of Trustees. Reporting directly to the president are the vice-president for academic affairs, the vice-president for business and financial affairs, the vice-president for administrative affairs.

Office of the Vice-President for Academic Affairs: The vice-president for academic affairs is the chief administrative officer for all academic programs. All academic officers report through him to the president. These include the director of admissions, the registrar, the director of Freshman-Sophomore Studies, the librarian, the director of Summer School, and the chairmen of academic divisions.

Office of the Vice-President for Student Affairs: the vice-president for student affairs is the chief administrative officer responsible for the management of student affairs. Those officers reporting to him are the director of student life programs, the director of counseling and testing, the director of the University Union, the coordinator of religious life, the director of student financial aid, the director of health services, the director of career planning and placement, and the director of the Upward Bound Program and Special Services.

Office of the Vice-President for Business and Financial Affairs: The vice-president for business and financial affairs is the chief administrative officer responsible for the business and financial operations of the University. Reporting to this office are the administrative officer, the personnel officer, the comptroller, and the director of the physical plant.

Office of the Vice-President for Development: The Vice President for Development is the chief administrative officer responsible for programs of support and communication. Those officers reporting to him are the director of development services, director of institutional research, director of alumni affairs, director of public relations and sports information director.

STUDENT AFFAIRS

STUDENT AFFAIRS

Student Affairs is a division of the University consisting of a core of programs and services to facilitate development of the following competencies in students: Smooth entry of new students in and transition to the college environment; good emotional health and personal adjustment; a sense of self-direction; positive group interaction skills and interpersonal relationships; creative use of leisure time; habits and practices essential to physical well-being; acquisition and management of financial resources to meet educational cost; a set of spiritual values and the means of expressing religious interests; and, planning adequately for the post-college environment.

The facilitation of the development of these competencies is sought through the following offices and programs: (1) Student Life Programs, (2) Counseling and Testing Services, (3) Career Counseling and Placement Services, (4) Student Financial Aid Programs, (5) Student Activities and University Union, (6) Religious Life Programs, (7) Special Services Program, (8) Student Health Services and (9) the Upward Bound Program.

Student Life Programs

Student Life Programs is a unit of Student Affairs which include student housing, new student orientation, international student advisement, student government advisement, coordination of fraternal organization operations, and student judiciary programs.

New Student Orientation. A period of orientation is provided for new students at the beginning of each semester. Students are introduced to the philosophy, programs and services, and the facilities of the institution; provided opportunities to meet the people who manage the University; and are given assistance in initiating their programs of study through testing for class placement, consultation with advisers, instruction in registration policies and procedures, and introduction to the major fields of study. Cultural activities, social affairs and sports events are also a part of the orientation program.

Housing. Students are housed in on-campus residence halls and institution owned residences and in off-campus rental units made available by individuals and companies in the city of Charlotte.

Freshman and sophomore students are given priority in on-campus housing. A limited number of on-campus housing spaces are allocated

for junior and senior students. Off-campus accommodations become the responsibility of the student and his/her parents. While the University will disseminate information on private off-campus accommodations of persons who list them with the institution, the institution assumes no responsibility for placement, agreements, or financial obligations.

Since enough space to house all students who wish to live on campus is not available, students must apply for housing each year. Applications for on-campus housing should be filed by June 30. Freshmen who are admitted too late to file by June 30 should file as soon as possible after being admitted. Freshmen who are admitted late run a substantial risk of not being able to secure housing on campus. Such persons should have made definite arrangements for housing before coming to the University.

A student must be admitted to the University before an application for housing will be accepted. Each person making application for student housing must make a deposit of fifty dollars ($50.00, — Beginning with the 1982-83 school year), which must accompany the application. The housing deposit will be held as an assurance that the applicant will comply with the procedures for being admitted to student housing. If the proper procedures have been followed, the deposit will be applied to the student's account at the time of registration for the period for which the application is made.

Students whose applications are approved will receive an housing assignment along with the "Terms and Conditions of Occupancy—Student Housing Agreement." This agreement must be accepted or rejected not later three (3) weeks prior to the date of occupancy. Acceptance of a housing assignment constitutes an agreement by the student to the terms and conditions accompanying the assignment.

Persons whose applications are not accepted for campus housing will be refunded the deposit.

If a person who accepts a housing assignment decides later not to enroll or not to live on campus housing and gives notice of this decision at least three weeks before the date of occupancy, the assignment will be cancelled and the deposit refunded. Cancellation for any reason after this date will result in forfeiture of the deposit.

A housing assignment is made for the entire academic year. Except for students graduating or separating themselves in any other way from the University during the semester, individuals who accept assignments in campus housing obligate themselves to remain for the period of the assignment. Any other exceptions must be approved by the Vice President for Student Affairs and the Office of Business and Financial Affairs. Students must not move from the residence halls without this approval.

Students who choose to reside or must live off campus because housing is not available on campus will find rental units accessible to students in the Charlotte community. Students who reside off campus must make their own arrangements for off-campus housing. Upon request the University will refer students to real estate companies that are familiar with the local rental situation and will assist students in their search for rental accommodations. The University, however, assumes no responsibility for providing or supervising off-campus housing.

Counseling and Testing Services

Counseling is available to students regarding personal, social, emotional, vocational and educational needs. In the context of confidential relationships, professional counselors assist students in acquiring increased knowledge of self; appraising educational and vocational capability, and formulating attendant educational decisions and plans; engaging more efficiently in interpersonal relationships; coping with personal and adjustment problems blocking effectiveness in dealing with the demands of the college experience; and acquiring personal and academic skills for survival in the educational environment.

A comprehensive testing program provides assistance to students in assessing and evaluating aptitudes, interests, personal and emotional, and educational development; assistance to academic departments in assessing and evaluating educational development of students related to a given department; and assistance to the institution through the provision of data for use in assessing the extent to which expected educational outcomes in students are being realized, identifying needs that are not being effectively met, and determining programs of instruction and guidance in meeting such needs.

The testing services provide coordination of standardized testing programs administered by the institution, and those administered for agencies outside of the institution—as a service to students—e.g. employment testing, graduate and professional school admissions testing, etc.; and serves as a source of information and assistance to students to facilitate access to testing programs for employment and graduate and professional school admission.

Upward Bound Project

Upward Bound is a pre-college preparatory program designed for the underachieving high school student who exhibits a high degree of potential. The primary goal of the program is to generate the academic skills and motivation necessary for success in education beyond high school.

The target group to be served is those low-income or potential first generation college students who have potential for success in a 2 or 4 year college but who, without the program, would not be likely to gain admission to or successfully complete college due to inadequate preparation, and/or underachievement. Students may enter the pro-

gram in the summer prior to their sophomore year of high school and continue through the summer immediately after their high school graduation.

The program includes a curriculum designed to develop competencies in basic academic skills, creative thinking, effective expression and positive attitudes toward learning needed for post-secondary educational success, some health services, comprehensive counseling services, and such recreational and cultural activities as deemed appropriate to enhance the student's success in a college of his/her choosing.

Special Services Program

Special Services is a program designed to work with a limited number of freshmen and sophomores whose previous academic performance and cultural exposure indicate need for supportive services in order to enable them to achieve successfully at the college level. The program consists of three basic components: reading skills and language laboratory use, tutorial assistance, and counseling and contact services.

Religious Life Programs

Religious Life Programs functions to facilitate an environment in which persons in the campus community may realize as fully as possible their potential for spiritual growth. In the fulfillment of this function a campus ministry endeavors to serve the interpersonal and personal needs of the campus community as such needs as related to spiritual and religious life; activities offering opportunities for individual and group expression of religious interest and service—worship, seminars, workshops, etc., organizations channeling the talents and commitment of students in the religious life of the campus—the Student Christian Association, spiritual choirs, etc.; activities providing individual and group expression of religious interest—worship, seminars and workshops, etc.; counseling regarding religious and related tasks and problems; and liaison between the campus community and the religious community of the Charlotte area.

Health Services

Johnson C. Smith University maintains a minimal care health service for the treatment of minor illnesses. Health supervision and medical care are provided through the Student Health Services. The staff consists of a physician and several nurses.

A physical examination is required of all new students before they are admitted to the University.

All full-time students are permitted to consult with the Health Services staff. Students living off campus must report to the Health Center for treatment.

Persons reporting to Health Services for treatment will be given the initial dose of medicines and drugs. Prescriptions for subsequent drug and medicinal needs and medication beyond the initial dose provided by the Health Services will be given at the student's expense.

Frequently specialists are needed for students. In such cases the Health Services staff will refer students to recommended specialists. The cost of the services of specialists will be the responsibility of the students and their parents.

Students who need hospital care will be referred to hospitals in the City of Charlotte. The cost of hospitalization will be the responsibility of students and their parents.

Student Accident and Sickness Insurance is part of the health care program for students. All students are automatically included in this insurance program at a minimal cost which is included in the registration fee.

The Student Sickness and Accident Insurance is provided as a supplement to the coverage provided by the student's family. The program is not intended to be comprehensive or to replace the family's responsibility for the health care of a student.

The cost of health care beyond that provided through the Health Center or covered under the Student Accident and Sickness Insurance is the responsibility of the student and his or her parents.

Student Activities and the University Union

The program of student activities is a means by which students engage in living-learning experiences in an informal curriculum apart from the classroom. The program is intended to provide activities for development of responsible group participation and avenues for social interaction, for creative use of leisure time, and for cultivation and expression of various student interests. In addition to activities which emanate from the interests of individuals and informal groups, the following organized groups comprise the student activities program:

Governing Organizations: Opportunities for participation in policy-making are provided through membership in the Student Government Association, Student Christian Association, Residence Hall Councils, Pan-Hellenic Council, and Council of non-Greek Organizations.

Honor Societies: Honor societies are student organizations that give recognition for high scholastic achievement in the campus community. Alpha Kappa Mu Honor Society and Alpha Chi National Honor Scholarship Society encompass all students who achieve high scholastic averages in their overall academic performance. Beta Kappa Chi, Sigma Rho Sigma, and Sigma Tau Delta include students who achieve high academic averages in a particular major department.

Academic and Preprofessional Organizations: These student organizations are related to academic departments and preprofessional interests

which serve to bring together students who are in a particular academic discipline and those who plan careers in a related profession. The aims are to expand understanding of the academic or professional area and to provide opportunities to relate knowledge and skills acquired in classroom settings to out-of-class situations.

Service Organizations: Service organizations seek to enrich the educational experiences of their members through a variety of service endeavors on campus and in the community.

Performing Groups: Performing groups consist of those students with outstanding talents in the performing arts or athletics. These organizations serve to recognize those individuals who contribute their talents and skills to the campus community through their participation in the performing activities on campus.

Fraternities, Sororities, and Social Fellowships: Eight national Greek letter fraternities and sororities and four national social fellowships are chartered to establish chapters on the campus.

The University Union. The University Union—more than a building—is an organized program with the goal of facilitating the development of the total individual. The Union serves as a citizenship laboratory—training students for social leadership responsibility, fostering correlation between study and free time, offering opportunities for self-realization, and encouraging development of competency in individual and group interaction. It is a community center for the campus fostering social, recreational, cultural, educational and individualized-interest activities.

The program is administered through an organizational structure consisting of a professional staff and a Program Board which functions through six committees—social, recreational, publicity, fine arts, film, and hospitality committees.

The University Memorial Union Building houses the operations of the Union Program, offices of the Student Government Association and the Yearbook Production, meeting and conference rooms that serve the entire campus community, the Greenlee-Spaulding Dining Hall, snack bar, the University Post Office, and guest room facilities.

Campus Radio: WJCS, a gift from WSOC, is Johnson C. Smith's campus-wide AM radio station. It is affiliated with the growing Communication Arts Department and serves a dual purpose. For the serious communications student interested in a radio broadcasting career, it is a teaching tool and a laboratory for developing skills; for the general student, it is a source of information and entertainment. The station serves as a laboratory for the full academic day and broadcasts to the students during the lunch hour and the dinner hour with sign-off time at midnight.

FINANCIAL AID

Application Procedure

A student must file an application for student financial aid each academic year. One annual application, when properly completed, will place the applicant in consideration for any aid funds administered by the Student Financial Aid Office. Applications should be filed with the Director, Office of Student Financial Aid, Johnson C. Smith University, Charlotte, North Carolina 28216

All applicants for financial assistance must submit a statement of financial resources. All students and parents are requested to complete the Family Financial Statement (FFS) which is processed by the American College Testing Service (ACT) in Iowa City, Iowa. This application can be used for the Pell Grant Program also. Please be sure to read all the information and instructions to ensure that the application has been completed correctly. These forms are available at high school guidance offices and at the Student Financial Aid Office at the University. Students who expect to receive academic scholarships, athletic grants, or music grants must submit their applications in the same manner as those who apply for federal assistance.

The institution's financial aid office will accept the Financial Aid form processed by College Scholarship Service (CSS) if the ACT application is not available.

As a general rule, the deadline for all applications is April 15 of each year; however, applications are accepted after this date for students who are admitted after April 15.

A student's eligibility for the Pell Grant award is taken into account in the amount of aid awarded from funds administered by the institution. The Pell Grant will likely constitute a considerable portion of the total amount of aid awarded; however, it is imperative that applicants file Pell Grant applications as soon as the forms are available.

Satisfactory Academic Progress

To be eligible to receive student financial aid students must maintain satisfactory academic progress as determined by the institution. Students not meeting such academic requirements may not receive financial assistance for the semester if they fail to meet requirements.

UNIVERSITY POLICIES AND REGULATIONS PROGRAM
STUDENT FINANCIAL AID

Eligibility for Student Financial Aid

Students are considered to be making sufficient academic progress to remain eligible for student financial aid if they maintain an academic average according to the following scale:

SEMESTER	HOURS ATTEMPTED	C.G.P.A.
1	0-15	1.5
2	16-30	1.6
3	31-45	1.7
4	46-60	1.8
5	61-75	1.9
6	76-90	2.0
7	91-105	2.0
8	106-122	2.0

The current policy regarding Satisfactory Academic Progress is subject to change.

Students who become ineligible because of academic probation will remain ineligible until their academic average is brought up to the scale above. Students who withdraw from the University after eight (8) weeks of attendance will not be entitled to receive financial aid for the next semester.

Transfer students must meet the same requirements as regular students to be eligible for financial aid.

Scholarships

Academic Scholarships: Scholarships are awarded on the basis of a student's academic achievement. They are meant to recognize, encourage and assist young men and women who demonstrate leadership potential in a chosen field of study. Financial need generally is not a factor in making these awards, although the amount of the stipend assigned to each winner will vary with the financial circumstances of the recipient.

Funds for these awards are made available through endowments contributed by concerned individuals and organizations.

A limited number of academic scholarships (Duke Scholars) are offered in the freshman year, primarily to participants in the Honors Program. Recipients are selected from high school seniors with very high scores on the Scholastic Aptitude Test (SAT) and exceptional high school records. Scholarship to recipients who maintain the highest cumulative averages, 3.0 (B) and above, will be considered for renewal if funds are available.

North Carolina Scholarships: Johnson C. Smith receives state support based on the number of North Carolina residents enrolled. All in-state students who apply for aid from the University and show need for financial assistance will be given consideration for these scholarships. *Music Scholarships:* Music scholarships are available to persons who demonstrate exceptional skills in choir and band. Recipients of these awards must be recommended by either the choir or the band director at Johnson C. Smith.

Grants

The Pell (Basic) Grant Program: The Education Amendments of 1972 authorized a new program of financial aid, the Basic Educational Opportunity Grants (BEOG). This program provides awards to students based on an eligibility index as determined by a central processing agency. The grant provides up to one half of the actual cost of attendance at the institution but must not exceed the student's determined need. A Pell (Basic) Grant application must be filed each year according to instructions. Students may obtain forms from high school guidance offices, post offices and the Johnson C. Smith University's Financial Aid Office; or they may write to the Pell (Basic) Grant Program, Post Office Box 92880, Los Angeles, CA. 90009.

Supplementary Educational Opportunity Grant (SEOG). The purpose of the SEOG Program is to provide grants to students who demonstrated financial need. Amounts of SEO Grants will be determined by the funds available to the institution.

Athletic Grants-in-Aid: Grants-in-Aid are available to students with athletic ability. Awards are made for performance in football, basketball, track, tennis, golf, and swimming, but recipients must be recommended by the coaches in each department.

Loans

National Direct Student Loans: The National Direct Student Loan (NDSL) Program, formerly the National Defense Student Loan Program, is supported by contributions from the federal government, the institution, and repayment from previous borrowers. These loans are available to undergraduate students, dependent upon the extent of the student's need and the availability of funds.

A borrower for his first two undergraduate years may receive up to $3,000. A borrower who has completed two undergraduate years may borrow up to $6,000. The maximum NDSL is $12,500 for dependent students and $15,000 for independent students.

Repayment of a National Direct Student Loan does not begin and interest is not charged as long as the borrower is enrolled at least half time at a institution of higher learning. Repayment of principal, plus

5% per annum, begins six months after the borrower ceases to be at least a half-time student. A ten year repayment period is possible for large indebtedness. The repayment periods can be extended to ten additional years for proven low income individuals.

Repayment installments may be postponed for a maximum of three years if the borrower is a member of the military service, Peace Corps, VISTA, Public Health Service, Temporary Total Disability, and service in an internship proceeding professional practice i.e. doctor, law.

Guaranteed Student Loans: The Guaranteed Student Loan Program provides loans from private lenders (banks, credit units, and the like). Interest is at 9% per year for new borrowers with the federal government paying the interest during the period for those students who qualify for the federal interest benefit. The interest rate is 9% for students with old outstanding Guaranteed Student Loans.

Procedures for applying for Guaranteed Loans may differ in each state. Application forms may be obtained from the lending agency itself or from the Financial Aid Office at the University.

Loans to Parents: Parents may borrow up to $3,000 per year for the student's educational needs. Repayment is required to begin 60 days after disbursement. There is no in-school federal interest subsidy on these loans. Parents may contact the guaranteed loan agencies in their states for further information. The maximum aggregate loan is $15,000.

Part-Time Employment

College Work-Study: The federally supported College Work-Study Program provides jobs for students clearly in need of assistance to enter or to continue in school. Jobs are available in all areas of the University.

Students approved for the College Work-Study Program are allocated a specific number of hours which they may work during the academic year, based on the extent of their financial need. Usually a student works fifteen hours per week. Annual renewal of a Work-Study assignment is dependent upon the student's application for the job, the financial need, and the employer's satisfaction.

Institutional Work Aid: The University provides funds for employment of a limited number of students who show lesser need or who do not qualify for the federal College Work-Study Program. The Institutional Work Aid Program follows the same principles of the College Work-Study Program in terms of hours, wages, and pay periods. Payment is made as a direct credit to students' accounts.

Scholarships

A limited number of scholarship awards and prizes are available to students with exceptional skills in given areas. Funds for these awards are provided by private donors and companies that are patrons of the University. Interested students may inquire at the Office of Student Financial Aid concerning the eligibility requirements for the awards.

Johnson C. Smith President's Club
These awards were initiated by Dr. Wilbert Greenfield, the tenth president of Johnson C. Smith University. Presidential scholars are chosen from students in the rising Sophomore, Junior, and Senior classes with the highest academic average.

Peat, Marwick, Mitchell and Company
This New York based accounting firm offers this scholarship to students with proven academic performance in the area of Accounting. This award is unendowed.

Jack S. Brayboy
This athletic award was established as a memorial. Dr. Brayboy was former Athletic Director and Vice President for Administrative Affairs. This endowed scholarship award is given to the athlete with the highest academic average.

Reader's Digest Endowed Scholarship
This scholarship is provided by a grant from the Reader's Digest Foundation through its scholarship program. The annual income from the fund makes scholarship assistance available to highly qualified upperclassmen who prove to be in need of financial assistance.

National Presbyterian College Scholarship
This scholarship is for superior young people preparing to enter as freshmen into one of the fifty-two (52) colleges related to the Board of Christian Education, United Presbyterian Church, USA of which Johnson C. Smith University is included.

Greyhound Corporation Scholarship
Student(s) must be an incoming Freshman. Awardees must have a definite financial need. They must have the potential to successfully attain passing grades.

Armour-Dial Scholarships
This scholarship is for Sophomores only. The student(s) must have received a Greyhound Corporation scholarship during his or her freshman year. The Armour-Dial award will be in the same amount the student(s) received as a Freshman. They must have passing grades.

Jefferson Pilot Broadcasting Scholarship
This is an award established by a Charlotte based broadcasting company for highly qualified students needing financial assistance.

Dr. and Mrs. Israel L. Glover
The Dr. and Mrs. Israel L. Glover award was established at Johnson C. Smith University in memory and honor of Dr. Israel L. Glover, a 1935 graduate of Johnson C. Smith University, by his wife. Dr. Glover earned his doctorate in Mathematics from Oklahoma State University

in 1955. This award is given in his honor to the student with the highest average in Mathematics.

Morrison Scholarship Award
The Morrison Scholarship Fund was established at Johnson C. Smith University by Eugene C. Morrison in memory of his mother and father, Susie and James Morrison. The income derived from the endowment is awarded to a student who is in need and demonstrates integrity, ambition and the ability to become involved.

Arthur Henry George Scholarship Fund
This scholarship is named in honor of former Dean of Men, Professor of Practical Theology and Dean of the Seminary at Johnson C. Smith University. This award is given to students interested in Religious Education.

Shell Assist Scholarships
These awards are given by Shell Oil Company. They are awarded to outstanding students in the area of Business regardless of financial need.

Joseph Grimes Scholarship Fund
This award is named for Johnson C. Smith University's first Dean of Men. Any student needing financial assistance is eligible for this award.

J. A. Jones Construction Company Scholarship Fund
Established by the J. A. Jones Construction Company to promote academic excellence, it is awarded to National Merit Scholarship semi-finalists and National Achievement Scholarship Program semi-finalists.

Eastman Kodak
This is an employment matching grant. Given in honor of former graduates of Johnson C. Smith University employed by Eastman Kodak. These awards are restricted to students in the area of Chemistry.

Martin Luther King Scholarship Fund
This endowed scholarship fund was established by the New York chapter of Johnson C. Smith University Alumni Association. These funds are awarded to any student showing academic promise and needing financial assistance.

Edward J. Weddington Scholarship Fund
This award is named in honor of a 1947 Johnson C. Smith alumnus. This scholarship is restricted to students interested in the area of Music.

Clorox
This award is given by the Clorox Corporation. It is awarded to students interested in the area of Business.

John Hairston Scholarship Fund
This scholarship was established by the Los Bravos Club of Charlotte in honor of the 1954 Johnson C. Smith University alumnus. This scholarship was established to assist athletes needing financial assistance.

Dr. and Mrs. Simon H. Scott Memorial Fund
Students will be considered for this scholarship from the Atlantic Presbytery. Recipients will be selected by the family.

Dewey M. Clayton
This award is named in honor of a 1947 alumnus of the university who served on the Board of Trustees. This award is given to students interested in Pre-Med and Science.

Horace A. Davenport
This is a recently endowed scholarship fund established in the honor of the judge now serving in Pennsylvania and on the Board of Trustees of the University.

Duke Endowment Scholarships
The Duke Endowment is a perpetual trust created by James B. Duke in 1924. These awards are given by the James B. Duke Foundation. They are awarded to students with high academic promise and honor averages.

Aetna Scholarship Fund
This unendowed award was established to assist students with proven financial need.

The Rev. Dr. Raymond Worsley Scholarship
This scholarship is in cooperation with the First United Presbyterian Church of Charlotte, North Carolina and awarded to a student who has been selected in accordance with guidelines approved by the Office for Academic Affairs.

The A. O. Steele Prize of $25 is given by the community Leadership Training Class in Religious Education to the freshman making the highest yearly average in religious education.

The Jefferson Standard Scholarship of $600 is provided annually by the Jefferson Standard Foundation for a major in business administration.

The Alpha Kappa Mu Honor Society Award is given to a sophomore student with the highest average.

The Samuel W. Byuarm Award, presented by the National Council of Christians and Jews, is for students who have demonstrated an interest in promoting human relations.

The Robert L. Douglas Memorial Scholarship in Mathematics is awarded by Dr. Clarence F. Stephens, a graduate in the Class of 1938, in honor of the late Dr. R. L. Douglas, who served for a number of years as professor of mathematics at the University. This scholarship of $100 is awarded annually to a junior or senior mathematics student who has demonstrated ability and enthusiasm for graduate study in mathematics.

The Catherine Hughes Waddell Memorial Scholarship, a merit scholarship of $500, is awarded to the best all-around student in scholarship and campus citizenship.

Other Forms of Educational Assistance

Other sources of financial aid not administered by the Student Aid Office are available for assisting students in meeting their educational expenses. Assistance from outside agencies or programs may provide the full amount needed by the student, or it may be combined with an award from the University to meet this need. Information about other forms of aid can be made available upon request.

Career Planning and Placement

Career Planning: Students are assisted in career exploration and planning through career and vocational counseling and through the maintenance of a library of career information.

Job Placement: The Career Planning and Placement Center provides assistance in seeking part-time, summer, and career employment. The center maintains contact with business, industry, school systems, government, and nonprofit and educational organizations. It provides job listings and schedules campus recruitment visits and interviews by representatives of these organizations. Credential services are provided for those persons who are registered with the center. These services are available to undergraduates, graduating seniors, and alumni. Students are given assistance in interview techniques, in techniques of job seeking, and in selection of positions in which their training and capabilities will best be utilized.

Cooperative Education: The Cooperative Education Program is designed to expose students to the actual world of work in order to assist them in applying the knowledge and principles learned in the classroom to work experience. This program integrates classroom experience with on-the-job work experiences in industry, business, or service occupations.

Participation in the program could cause graduation to be delayed by one or two semesters, but the rewards are well worth the delay.

Standards for Student Life

Johnson C. Smith University assumes that it is a community of mature students. It, therefore, expects the students to engage in life patterns that are consistent with this basic assumption.

The University standards are designed to maintain those conditions which will guarantee the best possible development of the mental, physical, social, and spiritual potentialities of every student on the campus. Success in this connection is dependent upon the fullest cooperation of everyone who participates in the life of the University.

Membership in the University

Attendance at Johnson C. Smith University is a privilege, not an inherent right. The University requires each student to observe the

guidelines for student life in the University as found in this catalog, in the *Student Handbook*, in housing regulations governing life in the residence halls, and in other policies and procedures in official University publications.

The University reserves the right to cancel the enrollment of any student who abuses this privilege and violates the standards of life in the University when it is determined through the established process that a student has forfeited the privilege to remain in the University.

The basic standards, policies, and procedures for student life are set forth in the *Student Handbook* and are supplemented by policies and procedures specific to the various administrative and academic offices.

Administration of University Regulations and Standards

Regulations are normally administered by the office responsible for the areas which the regulations govern. When difficulties in observance of these regulations cannot be resolved by the administrative supervisor of that area, the problem is referred for adjudication through the judicial system established for student discipline as outlined in the *Student Handbook*.

ATHLETICS

Physical education, health, and athletics are considered integral parts of the total educational program offered at Johnson C. Smith University.

The University is a member of the Central Intercollegiate Athletic Association, the National Collegiate Athletic Association, the National Association of Intercollegiate Athletics, the American Tennis Association, and the National Intramural Association.

INSTITUTIONAL DEVELOPMENT PROGRAM

The University is providing financial support for the Student Services Programs in order to expand the counseling services to the students who enroll at the University.

The objectives of the Student Services Programs are:

—To provide more adequate counseling and testing services for students who must compete for new opportunities in today's professional market place

—To establish a program of supervised, practical, on-the-job experiences

Student Services Programs

To provide a comprehensive core of services for a student population which includes blacks, American whites, and several foreign students who bring to the campus community the particular press of their ethnic backgrounds

Cooperative Education. To establish a program of supervised, practical, on-the-job work experiences that are directly related to the student's career goals and integrated with classroom study

Career Counseling and Placement. To provide career development for all Johnson C. Smith University students

Counseling and Student Development. To provide a learning support system that will facilitate development and utilization of academic survival skills

INSTITUTIONAL DEVELOPMENT PROGRAM

The student affairs programs are currently receiving financial support from the University's budget. The student service activity consists of the following components:

1. *Career Counseling and Placement*—designed to enable freshman and sophomore students to gain insight into their own career-related interests and talents; and to assist junior and senior students to explore and gain entry into graduate and professional school programs.
2. *Counseling and Student Development*—designed to provide a learning support system through a learning assistance laboratory for the development of academic survival skills; and to help students develop test-taking skills and strategies.
3. *Cooperative Education*—designed to offer a program of supervised, practical, on-the-job work experiences that are directly related to the student's career goals and integrated with classroom study.

ADMISSIONS

REQUIREMENTS FOR ADMISSION

Johnson C. Smith University will accept, without regard to race, color, sex, or national origin, all qualified applicants approved by the Admissions Committee.

Admission to the freshman class is generally limited to recommended graduates of accredited secondary schools who rank in the upper two thirds of their class and who have taken the College Board Exams (SAT). These students should have a minimum of sixteen units, including four units of English, two units of mathematics, two units of social science, and one unit of science.

Johnson C. Smith University will accept a limited number of academically high risk students. Generally, however, applicants graduating in the fourth quarter of their class and those making a low SAT score may not be considered for admission.

The Admissions Committee, after reviewing the total record of an applicant, may decide one of the following: first, to admit the student to the regular freshman class but to require the applicant to take such needed courses as may be determined by the placement tests; second, to offer suggestions of other educational programs which may better serve the applicant's needs.

FORMAL APPLICATION

Every candidate for admission must make formal application to the director of admissions. The student must request an application blank from the director of admissions, complete it properly, and return it with the application fee of ten dollars (check or money order made payable to Johnson C. Smith University). THIS FEE IS NOT REFUNDABLE.

Applications for admission are accepted at any time during the year, but all credentials must be on file in the Office of Admissions at least two months before the beginning of the semester in which the applicant plans to enter.

BASIS FOR SELECTION

The decision of admittance is based on the following:

1. Secondary school record
2. Level of performance on the Scholastic Aptitude Test of the College Entrance Examination Board (SAT)
3. Predicted degree of success based on class rank, size of class, and standardized test scores
4. Health record

ACCEPTANCE NOTICE

The application for admission will be processed immediately after the required credentials have been received, and the student will be notified of the decision of the Admissions Committee. A permit to register will be mailed to the approved applicant after the final records, the certification of graduation from high school, and the pre-entrance medical record have been received.

Applicants for admission may arrange to visit the University. This visit, however, is not a requirement for acceptance. Appointments for such visits should be made in advance.

TRANSFER STUDENTS

An applicant from another accredited college or university may be considered for admission to Johnson C. Smith University if the student has an overall average of C or above. No transfer credit is given for any course in which the applicant has earned a grade below C. Each transcript is evaluated on its own merits in light of its conformity with the program of study in the curriculum of Johnson C. Smith University.

The Admissions Committee will consider favorably only transfer applicants who are in good standing with the institution from which they are transferring.

The University generally will accept a maximum of sixty-four credit hours from a junior college, and ninety from four year institutions. Credit hours, not grade points, are transferred.

EARLY ADMISSIONS

Johnson C. Smith University will consider those high school students who have completed their junior year and accrued 15 carnegie units. They must present evidence of accelerated academic performance and maturity. The Admissions committee will not consider an applicant without the parents and proper high school officials consent. Scholastic Aptitude test scores and interviews are required.

FOREIGN STUDENTS

A prospective foreign student is required to submit the following materials before an admissions decision can be reached on the application:

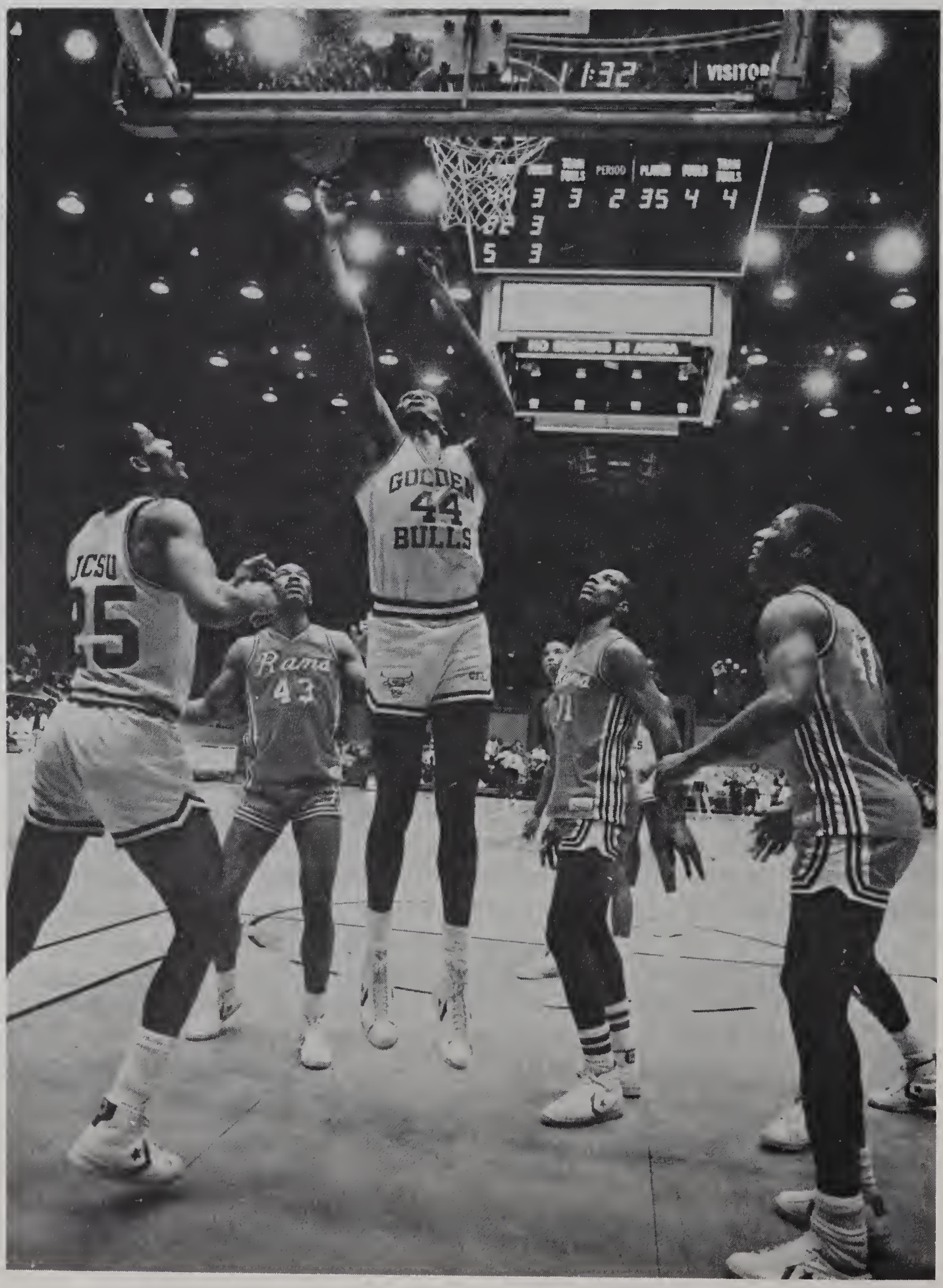
1. An application form furnished by the director of admissions
2. An original or a certified photostatic copy of a transcript of work completed on the secondary level and, if applicable, on the college level
3. Evidence or proof of proficiency in English (TOEFL)
4. A statement indicating that the applicant's financial resources will enable the student to meet U. S. study costs
5. One full year of tuition and fees are required as a retainer fee before the release of the I-20 Form if you live off campus. If you live on campus, one full year of tuition, fees, room and board, is required before the release of the I-20 Form
6. Three letters of recommendation acknowledged directly from their senders
7. A health certificate
8. A certified chronological list of all courses taken from the beginning of elementary school to the highest level attained. (A foreign student attending another U. S. institution will not be considered for admission on a transfer basis until the applicant has completed at least one semester—preferably one year— of study at the institution which issued the I-20 form.)

SPECIAL STUDENTS

Applicants, who must be at least a high school graduate, may enter Johnson C. Smith University for the purpose of taking certain courses without becoming candidates for a degree. They will not be subject to the specific requirements for admission but must prove to their instructors the ability to pursue successfully the courses for which they have registered. Such students may later become candidates for a degree by meeting all entrance requirements. Special students will not participate in intercollegiate athletics or other student activities. They will be subject to the same rules and regulations as regular students. APPLICANTS WHO HAVE DONE PREVIOUS COLLEGE WORK MUST BE ELIGIBLE TO RETURN TO THE INSTITUTION LAST ATTENDED. FINAL APPROVAL FOR ADMISSION IS NOT GRANTED UNTIL OFFICIAL DOCUMENT IS ON FILE VERIFYING GRADUATION.

READMISSION OF FORMER STUDENTS

A student who has withdrawn in good standing and who subsequently seeks readmission must apply in writing through the Registrar's Office. Re-entering students MUST receive notice of approval before returning to the University. ACADEMIC DISMISSALS MUST APPLY IN WRITING THROUGH THE ADMISSIONS COMMITTEE.



FINANCES

REGULAR FEES

The fees and charges listed herein are applicable to all students. In addition to regular fees and charges, a separate listing of special fees and charges is provided for those persons who may be affected. Travel, clothing, books, and other personal expenses are not included. However, the cost of textbooks and supplies can be expected to average at least $300.00 per year or $150 per semester.

Regular Session Fees:	**Per Semester**	**Per Year**
Tuition	$1,290.00	$2,580.00
Fees		
Student Union	50.00	100.00
Athletic Fee	29.00	58.00
United Negro College Fund	5.00	10.00
Student Government Association*	15.00	30.00
Student Yearbook*	10.00	20.00
Lyceum Programs	6.00	12.00
Insurance (Student)	20.00	40.00
Student Newspaper	5.00	10.00
Total Tuition and Fees	$1,430.00	$2,860.00
Room Charges	400.00	800.00
Meal Charges Under Boarding Plan	420.00	840.00
Total Tuition, Fees, Room and Board	$2,250.00	$4,500.00
Part-time Student Tuition and Fee Rates:		
Per Semester Hour (fewer than 12 hours)	$ 75.00	

PAYMENTS

Total semester fees and charges are due and payable in full on or before registration of each semester. Any student not making the required full payment of fees and charges will be assessed an additional fee of $24.00 per year for partially defraying the cost of handling an installment arrangement.

Please mail payments not less than two weeks prior to due date or pay in person at the time of registration. Students are strongly urged to pay in advance to reduce the registration procedure time. Remittance of money for school expenses must be made by certified check or money order payable to Johnson C. Smith University. Address payments to the Cashier's Office, Johnson C. Smith University, Charlotte, North Carolina 28216.

Any student desiring installment arrangement should contact the Financial Affairs Office for plans available. The Financial Aid Office wil provide information regarding other Student Loans.

INCIDENTAL FEES	Per Year
Parking (Day Students)	$ 6.00
Parking (Boarding Students)	12.00
Admission Application Fee—New Students (No refund or credit on account)	10.00
Room Reservation Deposit	50.00
Installment Fee (per year)	24.00
Meal Card Replacement Fee	1.00
ID Card Replacement Fee	5.00
Graduation Fee	35.00
Student Teaching Fee	30.00
Music Private Lesson Fee (one-half credit hour)	15.00
Music Instrument Use Fee (per semester)	10.00
Ambulance or other medical or dental expense **not covered by insurance**	**Actual cost**
Infirmary Medical Treatment Charges (each visit after first, per illness)	2.00
Transcript Fee (after first)	2.00
Late Registration Fee (per day; maximum $15.00)	5.00
Dormitory Lost Key Fee	5.00
Bad Check Charge (each time returned)	10.00
Excess Credit Hours (per hour)	75.00
Removal of Incomplete Grade, per course	2.00

AUDITING COURSES

Auditing of courses is open, without credit, to any person upon the payment of all applicable fees. Currently enrolled full-time students may audit courses without additional charges unless total hours exceed eighteen. An auditor is not required to participate in class discussions, to prepare assignments, or to take examinations.

REFUNDS

Eligibility: A student is only entitled to a cash refund when an excess amount of cash has been paid by the parents or the student. The cash refund is calculated on the pro rata share of cash paid and all federal/state restricted scholarship aid received by the student for a semester. The unused share of Pell (Basic) Grant, SEOG, NDSL, state grants, and restricted scholarship aid will be removed from the student's account and redeposited in the respective budgets.

FOOTNOTE FOR PAGE WITH REGULAR FEES

*NON–REFUNDABLE FEE. Students entering Spring Semester will pay half the total fee for Student Government Association and the total fee for the Student Yearbook.

Withdrawal from the University: A student entitled to a cash refund for withdrawing officially from the University must complete the following steps: first, secure six withdrawal cards from the Counseling and Testing Center; second, complete all necessary data; third, obtain official signatures on the card from the counselor, librarian, registrar, Vice President for Academic Affairs and financial officer (the registrar will notify the faculty); fourth, return five of the six signed cards and the identification card to the Counseling and Testing Center; fifth retain one copy for personal files.

NOTE: If the student has a meal card, it must be deposited in the Office of Financial Affairs on the same day required to submit the withdrawal cards.

Students leaving the University at any time after registration without officially withdrawing will be ineligible for a refund.

Changes in Academic Hours: A full-time student is one who is registered for twelve or more hours. Students must pay for all hours in excess of eighteen with approval of the vice-president for academic affairs. A student charged for hours in excess of eighteen at registration must drop these within fifteen calendar days from the first day of registration in order to have charges removed.

A student who is registered for twelve hours or more and decides to reduce the number below twelve hours must do so within fifteen calendar days from the first day of registration in order to have charges removed. Charges will be computed on a per credit hour basis for students officially registered for fewer than twelve hours, and the student will be classified as part-time.

There will not be any charges for changes when the registered course level is between twelve and eighteen hours.

Adjustment of Fees: The following schedule will be used in making cash refunds for withdrawing:

Withdrawal Periods (Weeks are counted from first official day of registration.)	**Percent of Refund**
1 - 2 weeks	85%
3 - 4 weeks	70%
5 - 8 weeks	45%

After eight weeks a student is liable and must pay all charges made during that semester.

SPECIAL NOTICES AND EXPLANATIONS

1. The University reserves the right to increase or to decrease all fees and charges and to add or to delete items of expense without advance notice as circumstances, in the judgment of the administration, may require.
2. The official date for a student to withdraw from the University is the date affixed upon completion of the withdrawal process. The withdrawal forms are filed with the Office of the Director of Counseling and Testing.
3. Room and board rates are based on the average cost of operations for the entire school year. These rates include provision for services only during the scheduled operational days. Therefore, allowances have been made for the Christmas and spring holidays when these facilities are closed. Every student is strongly advised to be prepared to vacate the campus premises during these two vacation periods.
4. The University is not responsible for theft or damage to students' personal property arising from any cause.
5. Students who, through malicious or negligent conduct, lose, damage, or abuse University property will be subject to disciplinary action and will be required to pay, at replacement cost, for such loss or damage.
6. Personal spending money or allowances should be sent directly and made payable to the student in the form of money orders or certified checks. The University cannot cash personal checks for students.
7. The diploma and transcripts of records are withheld until the student has paid in full all fees and charges due the University. Moreover, a student in debt to the University in any amount will not be admitted to final examinations in any course or be permitted to register for any subsequent semester or term until the obligations are met. Any student whose account is in arrears by thirty days or more is subject to dismissal from school for nonpayment of fees.
8. Student teachers who are boarding students at the University will be granted credit on their accounts for meals missed during their absence from the campus, provided the meal card is surrendered at the Business Office prior to their official leave. No credit will be allowed on room rent or other fees.
9. The student is responsible for personal laundry and dry cleaning.
10. Cooking or the use of electrical or mechanical cooking appliances in the University residence halls is prohibited.

11. No student who is indebted to the University will be permitted to join a social fraternity or sorority.

THE ACADEMIC PROGRAM

REGISTRATION

TIME: All students must register at the beginning of each semester, whether they were in residence the preceding semester or not. Students are required to register in person at the University between 8:15 a.m. and 5:15 p.m. on the days designated. New students will be advised regarding courses and registration procedures during orientation sessions at the beginning of each semester. Dates specified for new students to register are listed in the University Calendar. All students will report for registration as indicated in the University Calendar.

Late Registration: Students may be allowed late registration upon the payment of a late fee of five dollars per day, but no student will be permitted to register later than the time specified in the calendar.

Changes in Registration: Students who find it necessary to change their program of study after registration MUST make the change through the Registrar's Office on forms provided for that purpose. For any such change the student must obtain the permission of the instructor and the adviser. This procedure is followed for dropping or adding a course.

The adding of courses must be completed before the time for making changes expires.

A STUDENT CHARGED FOR HOURS IN EXCESS OF EIGHTEEN MUST DROP THESE WITHIN FIFTEEN CALENDAR DAYS FROM THE FIRST DAY OF REGISTRATION IN ORDER TO HAVE CHARGES REMOVED.

Student Load and Excess Hours: The normal load for all students is 15-18 credit hours. In the Summer Session the normal load is 6 credit hours. Students wishing to take hours in excess of 18 credit hours will be charged for extra hours at the rate of $75.00 per credit hour. The fee for extra hours may be paid on the installment plan for a given semester. (Special permission must be obtained from the vice-president for academic affairs.)

A. Maximum Load

1. During a regular session a student may not enroll for more than 18 hours, excluding band, choir and military science. The total load should not exceed 22 hours, except that a student whose average was "B" or better during the preceding semes-

ter or can complete graduation during the summer session, may apply to the Vice President for Academic Affairs to take an additional hour.

2. Any student who desires to enroll for more than 18 hours must obtain permission from his or her advisor or department head, division chairperson and the Vice President for Academic Affairs. Forms to enroll for more than 18 hours may be obtained in the Office for Academic Affairs.
3. During a summer term a student may not enroll for more than six hours, except that one course is a four hour course, in which case he may enroll for seven hours.

GRADES AND CREDIT

Symbols: The quality of a student's work in a course must be reported to the registrar by the use of the following grades: **A, B, C, D, P, F,** and **I. A** denotes excellent scholarship; **B**, good; **C**, fair; **D**, poor. Work reported as the grade of **D** cannot be raised to a higher grade by examination. **F** indicates failure; a student receiving such a grade may repeat the course. **P** is the passing grade assigned to all courses for which no credit is allowed. The grade **I** indicates that the work has not been completed and that the student did not withdraw from the class. A student who officially drops a course will receive the grade of **W**.

A. **The grading symbols are:** A (90-100); B (80-89); C (70-79); D (60-69); F (below 59 or withdrew unofficially); I (Incomplete); W/P (withdrew passing); W/F (withdrew failing); or W (withdrew prior to taking a test).

B. **Courses in Foundations of Education,** Reading 131-132, English 131-132, English 190 A & B, and Mathematics 130, use the following grading symbols: A (90-100); B (80-89); C (70-79); D (60-69) for Math 130 only and I (below 70: in progress). When the student receives a grade of "I" in 131-132, he is required to register (repeat), under the guidance of the Coordinator of Freshman English, in the appropriate course section. When the student receives a grade of "I" in English 190, he is required to register (repeat), under the guidance of the Coordinator of Freshman English, in the appropriate course section. In special circumstances, a student may be allowed to re-enroll (no registration), under the guidance of the Coordinator of Freshman English, in the appropriate course section. After satisfactory completion of the course, he is given an Incomplete Removal slip (no charge) by the Registrar's Office on which the grade of A, B, or C is reported. If the "I" is not removed by the end of the two semesters following its incurrrence, it will become a grade of F. If the "I" (Make-up) is not removed within six to eight weeks of the instructional period following its incurrence, it will become a grade of F. Students enrolled in Reading 131-132, English 131-132 and/or Mathematics 130 will graduate with a minimum of

125-137 hours, and must maintain continuous enrollment from point of entry through English 190 and Math 132. They can not carry more than fifteen credit hours for the semester enrolled.

Grade Points: Grade points are determined by multiplying the number of credit hours which a course yields by the grade point value of the grade. Grade points are computed as follows: **A**, 4 points for each credit hour; **B**, 3; **C**, 2; **D**, 1; **P**, 0; **F**, 0).

Grade for Major Work: No grade below **C** will count for credit in the student's major or minor work, and no student will be permitted to enroll for student teaching without a minimum grade of **C** in the designated area to teach.

Course Credit: Credit will be granted only for officially registered courses.

COURSES EXAMINATIONS

Semester or session examinations: All students are required to take the final examination in each course for which he or she is properly enrolled. Exceptions to this rule are granted by the department head and division chairperson. The final examination must not account for more than twenty-five per cent (25%) of the final grade. FAILURE TO TAKE AN EXAMINATION DOES NOT GUARANTEE A GRADE OF I.

Mid-Semester tests: All students are required to take the mid-semester test in each course for which he or she is properly enrolled.

Incompletes: A student who, as a result of sickness or some other unavoidable cause, has not fully satisfied the requirements of a course may be given a grade of **I**, if the successful completion of the work will enable the student to earn a passing grade. The incomplete may be removed while the student is not enrolled, but it must be removed within six weeks after the beginning of the next semester in which the student is enrolled. When the work is completed, the student must secure the necessary form from the Registrar's Office, take it to the Office of Financial Affairs, pay the necessary fee for removing incompletes, then submit the form to the instructor, who will report the final grade to the registrar.

IF A STUDENT DOES NOT ENROLL WITHIN TWO YEARS AFTER RECEIVING THE **I**, THE INCOMPLETE BECOMES A PERMANENT **I**.

Repeating of Courses: No Student will receive credit for the same course twice. If any course is repeated in which credit hours are earned, the student's permanent record will be adjusted by subtracting the hours of the lower grade from the total hours earned. Credit hours will then be recorded for only the higher grade. Students are responsible for notifying the Registrar's office when a course(s) is being repeated in the space provided on the registration form.

Withdrawal: Students may withdraw from the University up to the last day of classes.

Transfer of Credit: Students may obtain credit by attending another college or university if the following conditions are met:

1. The proposed institution of study must be accredited by one of the six regional accrediting agencies of the United States and must offer the corresponding work at Johnson C. Smith University.
2. Approval is to be secured from instructors, advisors, and heads of the departments at Johnson C. Smith. Application for approval must be submitted on the proper form obtainable from the Registrar's Office. When the form has been properly executed, it is returned to the Registrar's Office. Elective credits may be received for certain courses which do not correspond to any offered at Johnson C. Smith, provided approval is first received from the appropriate department head.
3. Approved courses in which the student receives a grade of C or better are transferable with the credit hours and grade points earned. CREDIT WITH GRADE BELOW C WILL NOT BE ACCEPTED. Where quarter hours are taken, they will be converted at the rate of three semester hours to equal five quarter hours.
4. Normally, no more than fifteen hours, EXCLUDING COURSE WORK THROUGH THE CONSORTIUM, may be transferred.

NOTE: Work experiences, institute participation, and travel experiences for credit MUST be cleared and approved before a student takes part in such a venture.

Exceptions to the conditions listed above will only be made when approval results from a meeting of the vice-president for academic affairs, academic advisor, registrar, and president, ex officio.

THE STUDENT IS RESPONSIBLE FOR FOLLOWING THE PROCEDURES LISTED ABOVE.

Grade Reports: At the end of each semester, grade reports are sent to parents or guardians. Mid-semester grades are sent to advisors for purpose of advisement. Only semester grades are permanently recorded.

TRANSCRIPTS

An official transcript of a student's academic record will be sent to a designated person or institution upon written request by the student. However, all obligations to the University must be cleared before a transcript is released.

The first transcript is free of charge, all subsequent copies are $2 per copy.

All transcript requests are made through the Registrar's Office and should be received at least one week before they are needed.

CLASSIFICATION OF STUDENTS

Students in the University are classified for the year at the beginning of the FALL SEMESTER according to records in the Registrar's Office. The basis for this classification is as follows:

Seniors: Students who have, unconditionally, at least 90 credit hours of work.

Juniors: Students who have, unconditionally, at least 60 credit hours of work.

Sophomores: Students who have at least 30 credit hours of work.

Freshmen: All other students, not registered as special, without regard to date of admission

Specials: Students who have not been admitted to candidacy for a degree

MAINTENANCE OF SCHOLARSHIP

Class Attendance: All students are expected to attend classes. Students taking 100- and 200-level courses will be required to attend classes in those courses. Students on probation and on warning will be required to attend classes in all their courses. These students will be allowed no more than twice as many absences as credit hours in the course. A student who has been absent for more than the allotted number of times may drop the course officially (W-no credit) or may automatically receive a failing grade of **F** for the course.

Academic Status: A student who is in good academic standing at Johnson C. Smith University has a minimum grade point average of 2.0 (twice as many grade points as credit hours attempted). Every course for which a student has registered and from which the student does not officially withdraw is classified as attempted.

A student who is not in good standing is either on warning or on probation, according to the number of hours attempted and the number of grade points earned. A student on warning may continue to work toward the improvement of scholarship. A student on probation has one semester to remove the probationary status. The failure to remove the probationary status at the end of the semester in which the student has been placed on probation may result in the student's automatic dismissal for poor scholarship.

Academic Warning, Probation, and Suspension

Enrollment Status: In order to be full-time, a student must be enrolled for a minimum of twelve (12) semester credit hours. any student enrolled for less than twelve (12) hours is a part-time student.

Academic Warning: Any student who falls below a grade point average of 2.0 may be placed on academic warning. A student on academic warning may continue to work toward the improvement of scholarship.

Academic Probation: Any student who fails to maintain a grade point average according to the scale will be placed on academic probation:

SEMESTER	HOURS ATTEMPTED	C.G.P.A.
1	0-15	1.5
2	16-30	1.6
3	31-45	1.7
4	46-60	1.8
5	61-75	1.9
6	76-90	2.0
7	91-105	2.0
8	106-120	2.0

Disqualification and Dismissal for Poor Scholarship: A student who fails to remove the probationary status at the end of the semester in which the probationary status was incurred may be subject to dismissal from the University for poor scholarship.

HONORS LIST

At the end of each semester an Honors List consisting of students who have earned a grade point average of 3.0 or better is published. Only students who are registered for a minimum of fifteen credit hours will be considered for the Honors List.

THE HONORS PROGRAM

Purpose

The purpose of the Honors Program is to meet the academic and creative needs and aspirations of students of exceptional academic ability who accept the invitation to participate in the program. These needs are determined through a continual process of investigation, planning, and evaluation conducted by the Honors Program Committee, which is comprised of faculty and students. The general structure of the Honors Program is determined by the Honors Program Committee, but the specific modes of implementation are determined by the faculty and the students working in the Honors Program.

Beginning in the first semester of their freshman year, the students in the Honors Program are afforded unusual opportunities to expe-

rience a wide variety of educational endeavors throughout the entire duration of college. Through special channels designed to encourage and to facilitate a high level of academic achievement, the Honors Program student will work to develop a trained mind which can adapt to the changing world.

Structure

Students are enrolled in two types of courses: courses in which only Honors Program students are enrolled and courses in which both Honors Program students and other students are enrolled. Departmental honors (additional title, if any, as well as number and credit hours) will be determined by the department. Courses are designed for the Honors Program students and other exceptional students, but initiative, as well as the design and the staffing, rests with the department. Whenever Honors Program students are enrolled for Honors Program credit, the course is subject to approval by the Honors Program Committee.

In in-course honors (title, numbers, hours, and credit given in the regular catalog listing), special work is designed for one or more Honors Program students enrolled in a regular course. The students and the instructor share in the initiative and the design; however, the final design is subject to approval by the Honors Program Committee.

Freshman Honors in Humanities

Courses	Credit Hours
Honors English 141-142	8
Honors History 131-132	6
Religion 130 (in-course Honors)	3
Philosophy 131 (in-course Honors)	3

Honors English 141-142, Composition and Literature is a course in which students satisfy the requirements for English Composition and World Literature. Students are taught the fundamentals of composition, creative writing, and expository writing. Literary masterpieces are studied in conjunction with composition. Efforts are made to enrich the cultural experiences of the students by encouraging their attendance or participation in plays, operas, concerts, seminars and other appropriate activities.

Honors History 131-132. World Civilization introduces students to the major themes in the history of the world. Students are given the opportunity to obtain knowledge necessary to compare civilizations in different parts of the world, to determine what is universal and unique about their own society, and to increase their ability to make intelligent decisions in the present. Considerable emphasis is placed on reading and discussion.

In-course Honors Projects are required in Philosophy and Religion. Students earn 10 credit hours per semester—9 for participation in these courses and in the English component and additional hour (1 credit) for special enrichment activities. In addition, students may

elect to take in-Course Honors Mathematics courses from which they may earn 3 credit hours in the Program during their freshman year.

Sophomore Honors in Social and Political Science

Students take Honors Political Science 131-American Government during the first semester. This seminar course is a study of the development, structure, and operations of the American political system. Three semester hours are required.

Junior Honors

Students conduct research and independent study in their major fields under the guidance of the faculty. The requirement is three hours.

Senior Honors

Students conduct research and independent study in any field of interest under the guidance of the faculty. They present their papers to the Honors Program Committee. Three hours are required.

Grading Policies

For those students who have maintained a grade of **B** or above on their honors projects, the **Honors** will be placed on grade sheets beside the students' names. The reason is to designate creditable performance in special HONORS COURSES, IN-CLASS HONORS, and INDEPENDENT STUDY.

Financial Assistance

Contingent upon the availability of funds, students in the Honors Program receive financial assistance to cover tuition. They are required to maintain a cumulative 3.0 GPA in order to retain their scholarships.

FOUNDATIONS OF EDUCATION

Foundations of Education is an integral part of curricula at Johnson C. Smith University. Its four components, reading, writing, mathematics, and counselling, have developmental and basic skill courses which allow the entering freshman to acquire mastery in these areas. Support services such as the Writing Center, Reading Laboratory, and Mathematics Laboratory employ innovative techniques to enhance the effectiveness of regular instruction. Courses in Foundations of Education are:

Reading 131-132
English 131-132
English 190 A&B
(Composition Skills)
Mathematics 130
(Fundamental Arithmetic)

By use of diagnostic tests, individualized instruction, classroom discussion, tutors, counselors, audio-visual aids, clinics, and small group sessions, the students progress at their own pace through the general education requirements. At the end of the sophomore year, the students are expected to function effectively in their areas of specialization in the upper division of the University.

GENERAL EDUCATION PROGRAM

The main purpose of the general education program is to enable each student to acquire a broad and substantial foundation in the major fields of knowledge. The program is designed to complement the program of specialized education by preparing students for responsible and imaginative living.

Entering freshmen are required to take a series of examinations for placement and counseling purposes during Freshman Week. The achievement tests in mathematics, foreign language, and English are for placement; interest and psychological tests are for use in counseling.

Students who, through testing, demonstrate proficiency in a subject matter area may be given advanced standing in that specific area. This procedure, however, will not reduce the total number of hours required for graduation.

A student may begin a major in the freshman year. Freshmen will not be permitted to take more than the normal load, fifteen to eighteen credit hours.

General Education Requirements for Graduation

Area and Courses	Credit Hours
Orientation	2
Orientation 111 and Orientation 112 (Not required for transfer students with 64 earned credit hours).	

English Composition and Literature 12
English 190-A and
190-B (6 cr. hrs.), English 231, 232
or English 235 (6 cr. hrs.)

Foreign Language 6
Two semesters of same language or the equivalent
(no exceptions)

The Humanities and Fine Arts 12
Philosophy or Religion (3 cr. hrs.)
*Speech 131 (3 cr. hrs.)
*Music 131 (3 cr. hrs.)
*Art 231 (3 cr. hrs.)

The Social Sciences 12
History 131-132 (6 cr. hrs.)
Six credit hours distributed over two of
the areas listed below. (6 cr. hrs.)
Economics 131
Political Science 131
Sociology 131
Psychology 131
Urban Studies 230

The Natural Sciences and Mathematics 14
Math 131-132 (6 cr. hrs.)
Biology 140 (4 cr. hrs.)
Physical Science 141 (4 cr. hrs.)

Physical Education 4
Personal Hygiene 121 (2 cr. hrs.)
Activity - any two different courses (2 cr. hrs.)

Freshman Orientation

The Orientation Program is designed to introduce entering freshmen and transfer students to campus life and provide them with the skills necessary for a successful college career. It is required for all students.

ORIENTATION 111-112 **Two credit hours**

A two semester course covering the history, traditions and regulations of the University, study skills, social skills, career development, and personal and community responsibility.

Placement

Physical Education—All students are required to develop competencies in Physical Education by successfully completing two (2) semester hours in activity courses. These competencies may be met by selecting courses in P.E. 110 through P.E. 118.

Physical Education majors satisfy this requirement by taking P.E. 228 and P.E. 229.

*Effective 1979-1980

Mathematics—Students are placed in mathematics 130 on the basis of entry level test scores.

English—All entering freshman students and transfer students who have not completed at least six hours of credit in English composition must take the Master Pre-Test in English and Communication Skills. Test scores from this placement test are used to determine the entry level of each student in English 190, the composition course. The student will then complete the number of minicourses necessary to receive appropriate credit for the general education requirement in English composition. (See course description for English 190 in Humanities Division.)

English Proficiency

The University requirement of demonstrated English proficiency must be met by achieving a grade of C or better in English 190A & B, the required composition course.

Foreign Language Requirement

Majors in all departments are required to take two semesters or the equivalent of a foreign language, (six hours in one language distributed as 131 and 132).

Students who have studied two or more years of a foreign language in high school are required to take a placement examination in the language studied. According to their scores, students will be placed in 131, 132, 231, or 232. Those students who place in 231, as a result of the placement examination, have satisfied the equivalent of 132. They may elect to continue in the study of a foreign language as electives or upon recommendation of their major departments.

Students who have not previously studied French or Spanish may enroll in Elementary French 131 or Elementary Spanish 131 at Johnson C. Smith University. Students who wish to satisfy the language requirement with a language other than French or Spanish may take 131 and 132 at a college within the Consortium.

Exemption From Physical Education Activities

Each student is required to participate in the University physical education program. Students with physical disabilities of any nature may take physical education 119A and 119B to satisfy the P.E. activity requirement. Before enrolling in these courses a student will need to have a doctor's statement from their personal physician. This information must be documented in the physical education department. FORMER MILITARY PERSONNEL IS EXEMPTED FROM PHYSICAL EDUCATION ACTIVITIES.

MAJOR PROGRAM

Students may concentrate in any one of four divisions and may major in the following subjects: Accounting, Banking and Finance, Biology, Chemistry, Communication Arts, Computer Science, Economics, Education-Early Childhood & Intermediate, English, General Business, General Science, Health Education, Physical Education, History, Liberal Arts-Engineering (3-2 plan with an engineering school), Marketing, Mathematics, Mathematics—Physics, Music-Business, Music Education, Political Science, Psychology, Social Science, Social Work, Sociology, Urban Studies and Community Affairs.

Subjects are arranged under the following four divisions:

Division I: **The Humanities**—communication arts, English, French, music, philosophy, religion, Spanish, art.

Division II: **The Social Sciences**—accounting, banking and finance, economics, general business, history, marketing, political science, social work, sociology, urban studies and community affairs.

Division III: **Education, Physical Education and Health, and Psychology**—education (early childhood education, intermediate education, and secondary education), geography, health, physical education, psychology.

Division IV: **Mathematics and Sciences**—biology, chemistry, computer science, mathematics, physics.

Application for Major

It is recommended that students apply for a major not later than the end of the FALL SEMESTER of the sophomore year. As a result, department heads will have adequate time and opportunities to observe and to advise students while there is enough time to make necessary program adjustments. This plan enables students to find major areas that are most profitable for them. Forms to apply for the major may be obtained from the Office of the Registrar. When the major is approved, the department head retains a copy of the application and submits two copies to the registrar.

Application for Degree

Seniors are required to file an application for degree, indicating expected date of graduation. (See University calendar.)

Changing of Major

A student may change a major by obtaining the proper forms from the Registrar's Office. When the change is approved by the department head, one copy remains in the department and two copies are filed in the Registrar's Office.

Degrees

The University administers four years of work leading to the degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Social Work.

Degrees with Honors

To be graduated cum laude, a student must have spent at least two years in residence at the University and at least earned an average of 3.0 to 3.49.

To be graduated magna cum laude, a student must have spent at least three years in residence at the University, earned an average of 3.5 to 3.69, and no grade below C.

To be graduated summa cum laude, a student must have spent at least three years in residence at the University, earned an average of 3.7 to 4.0 and no grade below C.

Graduation

General Requirements: Candidates for the bachelor's degree must complete at least 122 hours, (Prior to 1980-1981, the requirement was 120 hours), must earn a minimum overall grade point average of 2.0, must earn a minimum grade of C in any course that counts toward the major, and must satisfy all requirements of the curricula in the general education program.

Catalog Requirement: Graduation will be governed by the catalog under which a student first enrolls in the institution and graduates within a period of five years. Otherwise, current requirements must be met after that period of time. This regulation will be subject to such additional conditions that may be established by decisions of the Educational Policies Committee and approved by the University Administration.

Residence Requirements: The minimum residence requirement for the bachelor's degree is that the last 32 of the 122 semester hours required must be earned at Johnson C. Smith University.

Exceptions to this requirement may be made when approved by the Vice President for Academic Affairs, major adviser, department offering course or courses in question, and the President.

Student Responsibility: Familiarity with the University Catalog, maintaining a satisfactory grade point average, proper completion of the academic program and satisfying all other requirements for graduation are responsibilities of each student. Advisers will counsel but the final responsibility remains that of the student.

SUMMER SCHOOL

Admission

The Johnson C. Smith University Summer School is open to all persons who are eligible in at least one of the following categories:

1. Persons desiring to take college courses for self-improvement
2. Students completing requirements for degrees at other colleges (Statements of approval from a designated official must be presented if credit is to be transferred.)
3. Students completing requirements for degrees at Johnson C. Smith
4. High school graduates intending to pursue a degree at Johnson C. Smith or another institution (These persons must apply for admission to the regular University program through the Office of Admissions at Johnson C. Smith or the institution to which the credit will be transferred.)
5. Inservice teachers who desire to upgrade, to renew, or to convert their certificates for early childhood education (K-3), intermediate (4-9), or secondary education
6. Veterans eligible under Public Law No. 91-219 of the Congress of the United States to take training in an approved institution (Johnson C. Smith is certified by the Veterans' Administration to provide training.)

Applications for admission may be obtained by writing to the director of Summer School.

Fees

TUITION for all students is $360.00 for a normal load of six credit hours. An additional charge of $60.00* per credit hour will be made for any hours that exceed the normal load. Students who wish to take more than the normal load of six credit hours must consult the director of Summer School.

The fee for ROOM AND BOARD is $220.00*. This fee will cover room rent and three meals per day. No deposit is required. Students desiring room and board facilities should file an application with the director of student life programs.

All fees are due and payable on the day of registration. Fees are not refundable after the first week of each session. No exception to this regulation will be made for illness.

A late registration fee of $5.00* will be charged after the first day of each session. NOTE: Late registration fees for veterans will not be paid by the Veterans' Administration. The veteran is personally responsible for late registration fees, payable in advance.

**Subject to change.*

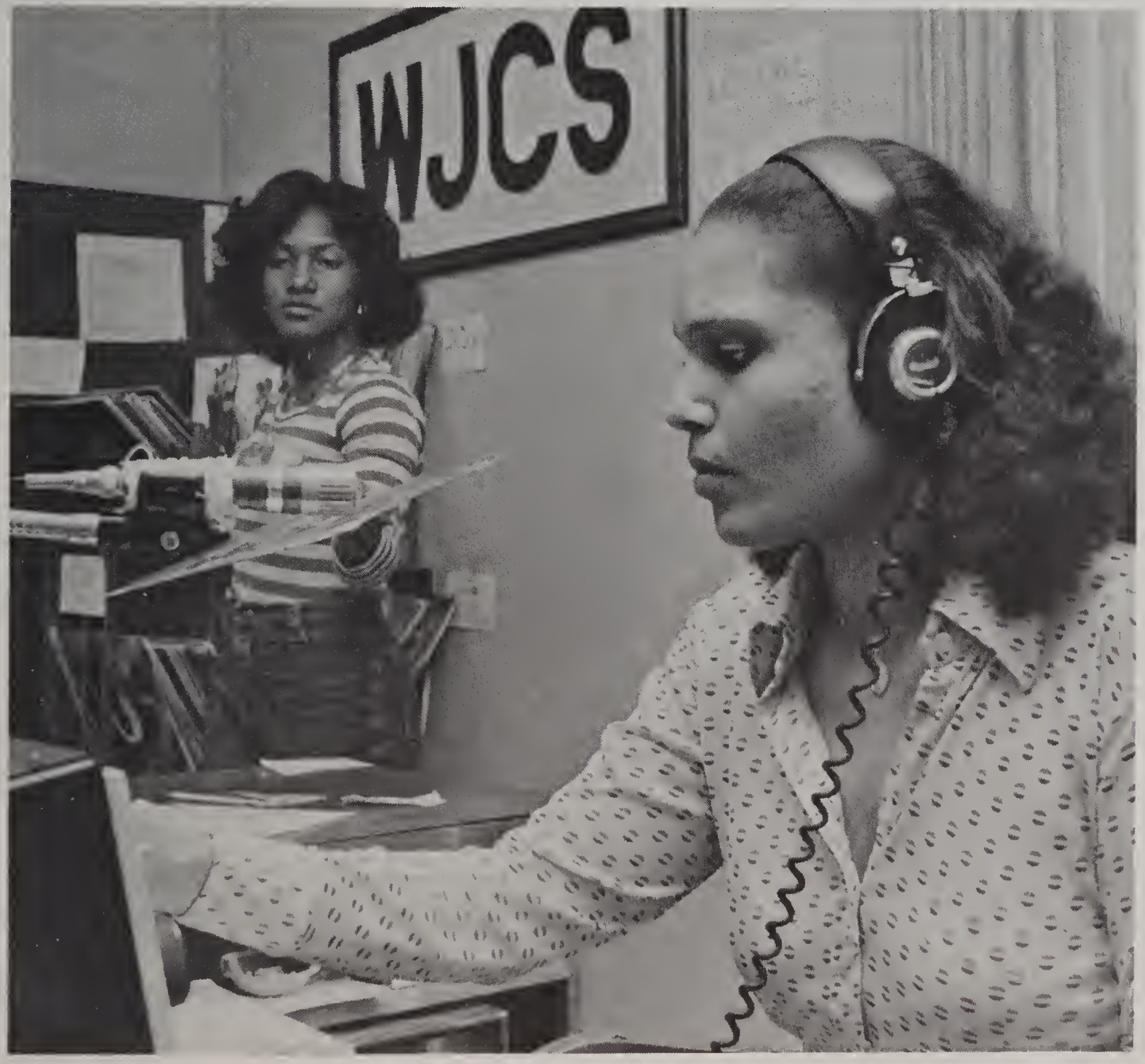
Financial Aid

National Direct Student Loans are available for summer study. For information, write to the following address:

Office of Financial Aid
Johnson C. Smith University
Charlotte, North Carolina 28216

Course Offerings and Faculty Selection

Summer School courses are offered in most departments, depending upon demand. The Summer School faculty is usually composed of members from the regular faculty. Because of their special expertise, faculty members from other institutions are sometimes invited to join the Summer School faculty.



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COURSE DESCRIPTIONS

System of Course Numbers

The number of each course has three digits. The first digit indicates the classification level. The second digit indicates the number of credit hours. The third digit merely distinguishes the course from other courses in the classification and credit bracket of the department. Some courses have a middle digit of **8** or **9**. The **8** indicates a two-credit course, and the **9** indicates a three-credit course.

Hyphenated courses are regarded as year courses and must be taken in sequence. Courses marked with an unexplained asterisk (*) are required for teacher certification. Courses marked with an unexplained dagger (†) may be used as general education requirements.

DIVISION I: THE HUMANITIES

The Division of Humanities includes four departments: Communication Arts, English, Foreign Languages, and Music. Majors and/or minors are offered in all these departments. Philosophy and religion courses are included in the Department of English.

Humanities

HUMANITIES 490 Senior Humanities Seminar **Three credit hours**

An interdisciplinary seminar for majors in the humanities and in other related fields. A dialogue course designed to provide the opportunity for students to select a topic to be studied from the various perspectives of the humanities. Methods of instruction: independent research, seminar discussion, team teaching, visiting lecturers. Prerequisite: senior standing and permission of staff. (See English 490, Philosophy 490, and Religion 490.) SPRING SEMESTER.

DEPARTMENT OF COMMUNICATION ARTS

The Department of Communication Arts meets today's increasing demand for graduates trained in media. Television and radio stations, newspapers, and performing arts groups are seeking graduates trained to serve as technicians, reporters, broadcasters, photographers, and other persons skilled in communication arts.

The area of mass media today has a greater impact upon the educational and cultural development of American society than any other single force. Its future vistas are unlimited. Presently, it is the most effective means of connecting the learner with the available knowledge of the world.

The Department of Communication Arts has the following goals: first, to render service to society and the local community by training students to be highly competent in various areas of mass media; second, to maintain a reciprocal relationship between Johnson C. Smith University and local radio, television, and newspaper establishments; third, to provide new job opportunities and to discover new talents in students; and fourth, to help students to develop positive self-images by the accomplishment of work well done and by society's acceptance of worth contributions.

NOTE: Students in cooperative programs receive practical experience in mass media while establishments provide internships and use of their facilities.

Through the major program, the Department of Communication Arts hopes to attain the following educational objectives: to acquaint the student with the expanding possibilities of the media as art, to offer the student the opportunity for adequate self-expression in at least one medium, to provide the student with practical experience in the campus media, and to provide the student with opportunities for acquiring expanded experience and training in the professional media of Charlotte.

The major in communication arts consists of thirty-nine credit hours elected from the areas of communications, drama, journalism and speech, including the following required courses: Speech 131 (can be used to fulfill general education requirement), Speech 132, Journalism 231, Drama 232, and Communications 430.

A minor in communication arts consists of eighteen credit hours elected from the areas of communications, drama, journalism, and speech, chosen by the student under the guidance of major and minor advisors. Speech 131 and Speech 132 are required, but courses taken to complete the minor exclude hours taken to fulfill general education requirements.

All courses taken to satisfy major or minor requirements must be passed with a grade of C or above.

COMMUNICATIONS

COMMUNICATIONS 231 Introduction to Radio I **Three credit hours**
History of radio. Writing, producing, directing, and announcing various types of radio programs.

COMMUNICATIONS 232 Introduction to Radio II **Three credit hours**
News analysis, news interviews, writing and announcing. Remote broadcasts, sports events, the discussion program. Prerequisite: Communications 231.

COMMUNICATIONS 234 Scriptwriting **Three credit hours**
Instruction and practice in writing for the media.

COMMUNICATIONS 291 Introduction to Television I **Three credit hours**
Techniques of television. Producing, directing, writing, and announcing. Includes commercials, news, and documentaries.

COMMUNICATIONS 292 Introduction to Television II **Three credit hours**
Techniques of television. Producing, directing, writing, and announcing. Includes news, documentaries, interviews, and dramas. Prerequisite: Communications 291.

COMMUNICATIONS 330 Creative Expression in the Media **Three credit hours**
Exploration of the various art forms as modes of creative expression.

COMMUNICATIONS 331 Filmmaking **Three credit hours**
Practice in selection of subject matter, camera techniques, and editing for the short film.

COMMUNICATIONS 332 Film Criticism **Three credit hours**
Study of the film as an art form. Viewing and criticism of short and longer subjects. Emphasis on contemporary film.

COMMUNICATIONS 333 Photography **Three credit hours**
Camera and darkroom techniques.

COMMUNICATIONS 338 Literature and Media for Adolescents **Three credit hours**
A study of literature and media for adolescents. Open to students of intermediate and secondary education, as well as to inservice teachers. (Same as English 338.)

COMMUNICATIONS 430 Seminar in Mass Media **Three credit hours**
A requirement for senior majors in communication arts.

COMMUNICATIONS 433-434 Media Apprenticeship **Three credit hours**
Practical experience in the professional media. Open only to seniors majoring in communication arts.

DRAMA

DRAMA 232 Introduction to Drama and the Film **Three credit hours**
A comprehensive survey of history and theory of the theatre from classical to modern times. Examination of the film as art. Required of communication arts majors.

DRAMA 233 Principles of Theatre Arts **Three credit hours**
A survey of theatre arts designed for developing critical skills in reading plays with relationship to the development of the traditional elements of drama. Includes fundamental principles of acting. Special emphasis on black dramatists.

DRAMA 333-334 Drama Workshop **Three credit hours**
A practical course in the staging of plays. Attention given to acting, lighting, costuming, make-up, scene design, and other aspects of the art. Lecture and workshop. Open to all students interested in dramatics. (Though the course may be taken for as many semesters as the student desires, credit will be given only for two semesters' work.)

DRAMA 339 Shakespeare **Three credit hours**
A study of at least twelve of the plays (eight in detail). (Same as English 339.)

DRAMA 430 Drama Apprenticeship **Three credit hours**
Practical experience in professional drama. Open only to seniors majoring in communication arts.

DRAMA 433 Modern Drama **Three credit hours**
Extensive reading and study in representative works of modern European and American dramatists. Attention given to purpose, theme, and techniques. (Same as English 433.)

JOURNALISM

JOURNALISM 231 Introduction to Journalism and the Mass Media **Three credit hours**
Emphasis on the function of the journalist in a democracy. An investigation of contemporary newspapers and other communications media, including radio and television. Required of communication arts majors.

JOURNALISM 232 News Writing **Three credit hours**
Basic techniques of writing the news story.

JOURNALISM 233 Feature Writing **Three credit hours**
An introduction to the fundamentals of feature writing and the examination of newspaper and periodical features.

JOURNALISM 234 Magazine and Newspaper Production **Three credit hours**
Techniques of newspaper and magazine composition and advertising graphics.

JOURNALISM 330 The Afro-American Press **Three credit hours**
A comprehensive history of the Afro-American Press and an examination of black newspapers.

JOURNALISM 331-332 Reporting **Three credit hours**
Development of sound news judgment. Practice in various methods of searching the news and in techniques of reporting it. Journalism 232: a prerequisite of 331; Journalism 331: a prerequisite of 332.

JOURNALISM 334 Photojournalism **Three credit hours**
Techniques of reporting news stories through the medium of the still camera. Prerequisite: Communications 333.

JOURNALISM 433-434 Journalism Workshop **Three credit hours**
Practical application of techniques of journalism to the operation and production of the student newspaper.

SPEECH

SPEECH 131-132 Fundamentals of Speech **Three credit hours**
FALL SEMESTER: consideration of the nature of oral communications. Training in articulation, pronounciation, and vocabulary. SPRING SEMESTER: more intensive training in organization of ideas and instruction in the principles of preparing and presenting effective public messages. Emphasis on types of speeches. Required of communication arts majors.

SPEECH 230 Fundamentals of Oral Interpretation **Three credit hours**
Emphasis on understanding literature through the study of meaning, mood, imagery, and theme. Analysis and development of techniques in presentation.

SPEECH 232 Theory and Practice of Persuasion **Three credit hours**
Consideration of principles, processes, and methods of persuasion with practice in the preparation and delivery of various types of persuasive speeches. Includes critical and creative problems in both oral and written forms.

SPEECH 330 Speaking in the Professions **Three credit hours**
Practice in preparing and presenting various types of speeches expected of professional people and in planning and conducting public discussions. Practice in parliamentary procedure.

SPEECH 331 Rhetoric of the Black Revolution **Three credit hours**
An examination of public discourse as it affects and reflects the process of dynamic social change. A consideration of historical and contemporary instances of rhetorical processes.

SPEECH 332 Propaganda **Three credit hours**
An examination of the theories and an analysis of the techniques of propaganda.

SPEECH 430 Psychology of Speech **Three credit hours**
The psychological principles involved in oral communication and their application to special individual and group problems. (Same as Psychology 430.) SPRING SEMESTER.

SPEECH 431 Speech Seminar **Three credit hours**
Topic to be announced. Open to seniors majoring in communication arts.

CURRICULUM FOR COMMUNICATION ARTS MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190A	3	English 190B	3
French or Spanish 131	3	French or Spanish 132	3
Mathematics 131	3	Mathematics 132	3
History 131	3	History 132	3
Speech 131	3	Speech 132	3
Orientation 111	1	Physical Education (Activity)	1
		Orientation 112	1
	16		17

Sophomore Year

English 231	3	English 232	3
Biology 140	4	Physical Science 141	4
Social Science (Req.) 131	3	Social Science (Req.) 131	3
Religion 130 or Philosophy 131	3	Music 131	3
Art 231	3	Journalism 231	3
Physical Education 121	2	Physical Education (Activity)	1
	18		17

Junior Year

Drama 232	3	Electives in Major	12
Electives in Major	9	Free Electives	3
Free Electives	3		
	15		15

Senior Year

Communications 430	3	Electives in Major	3
Free Electives	9	Free Electives	9
	12		12

ART COURSES

ART 130 Basic Design **Three credit hours**

A course designed to acquaint students with the principles of draftsmanship, color scheme variables, and principles of their application. Materials to be explored in this course: collage techniques, matting, acrylic and water color painting, various uses of charcoal, linoleum block printing, basic sculptural forms, and oil painting.

ART 131 Ceramics **Three credit hours**

An introduction to methods in making pottery and glaze materials. Includes use of the potter's wheel and the kiln.

ART 133 Introduction to Drawing and Painting **Three credit hours**

Emphasis on understanding form, line linear organization, color harmony, and physical properties of pigment (oil, acrylic, and gauche). Affords students an opportunity to explore the use of charcoal, Conte crayon, oil colors, acrylic color, and methods of canvas preparation and framing.

ART 134 Afro-American Art History **Three credit hours**

A supplement to regular mainstream approaches in teaching American art history. Acquaints students with the distinguished creative output of persons of Afro-American backgrounds. Examines some two hundred years of black creative efforts.

ART 230 Art for the Elementary School **Three credit hours**

A discussion of skills which will facilitate art work in the elementary school. Emphasis on developing creative ability. Two two-hour class meetings each week.

ART 231 Art Appreciation **Three credit hours**

Appreciation for the beauty of architecture, painting, sculpture, pottery, and textiles. Two one-hour lecture periods and one two-hour laboratory period each week.

ART 232 History of Art Survey **Three credit hours**

A survey of major arts and the influence of the historical past on the concepts and forms of contemporary creative endeavor. Prehistoric through early Gothic; late Gothic through Renaissance to Baroque.

ART 233 Introduction to Traditional African Art **Three credit hours**

An introductory survey of traditional African art, emphasizing its etiological roots and its social context, as well as its aesthetic aspects. One major research paper to be assigned.

DEPARTMENT OF ENGLISH

The Department of English seeks to accomplish the following aims: first, to develop in students an adequacy in the skills of effective writing, speaking, listening, and reading; second, to emphasize the importance of a mastery of the tools of communication for achievement in all phases of living; third, to acquaint students with many of the literary masterpieces of the world, together with principles of evaluating them; fourth, to encourage students in the cultivation of a genuine appreciation for literature; fifth, to provide specialized and intensive study in English and American literature, as well as in the English language, for students who desire to pursue careers in the teaching of English or in letters; and sixth, to enhance communicative skills of the pre-professional major.

The Department of English offers a major program, an English education major, and a minor program.

The major program, consisting of a minimum of thirty credit hours above the sophomore literature requirement, includes courses in English and American literature, language, criticism, and writing. The following courses are required: English 333-334 or 335-336, English 339, English 491 or 493, and one of the following: English 330 or English 430. Other courses should be elected to assure acceptable distribution over the entire field of English language and literature. The major program prepares the student for graduate study, and for other professions requiring a strong background in communicative skills.

The English education major, consisting of a minimum of twenty-four credit hours above the sophomore literature requirement, includes the basic courses of the major program and the courses in education and psychology as prescribed by the Teacher Education Program. Where feasible, the English education major should secure at least fifteen credits in a second teaching field. The English Education Program prepares the student to teach in the secondary school.

A minor in English consists of eighteen credit hours in English above the sophomore literature requirement.

The following courses are required for the English major and the English education major: English 333-334 or English 335-336, English 339, English 330 or 430, and English 491 or 493. English 338 is highly recommended.

Majors and minors in English will not be given credit for courses in English in which they earn grades below C.

LANGUAGE AND WRITING

READING 131-132 Basic Reading Skills **Three credit hours each**

Courses in reading designed for students whose entrance examinations indicate a need for correction and development of reading skills. Instruction: three hours per week by a reading teacher and two hours per week laboratory techniques for individualized instruction. Formerly a component of English 131-132, Reading and Language Skills.

ENGLISH 131-132 Basic Writing Skills **Three credit hours each**

Courses in writing designed for students whose essay examination and grammatical skills test indicate a need for remediation. Instruction: three hours per week by an English teacher and two hours per week laboratory techniques for individualized instruction. Formerly a component of English 131-132, Reading and Language Skills.

ENGLISH 133-134 English for Foreign Students **Three credit hours each**

A study of grammar, structure, phonology, and syntax of the English language. Special emphasis on oral and written expression of American English.

ENGLISH 141-142 Honors English **Four credit hours each**

A study of the fundamentals of composition in conjunction with selected literary masterpieces primarily of Western civilization. Attendance at plays, opera, concerts, seminars, and other appropriate activities to enrich the experiences of the students.

ENGLISH 190 A-B Composition Skills **Three credit hours each**

A study of composition consisting of four minicourses, including the forms of discourse, the application process, the research paper, and the study of rhetoric.

NOTE: Instruction begins with the minicourse appropriate to the individual student's needs, as indicated by the performance on the placement test. After the completion of four minicourses, or their equivalence, the student exits from the course. The student who averages a grade less than C for performance in a minicourse, or in any portion of it, receives a grade of I for the minicourse. Upon satisfactory completion of such work, the student will be assigned a grade of C, B, or A, in keeping with the performance. Students must maintain continuous enrollment from point of entry, Reading 131-132, English 131-132 or English 190 A through English 190 B. A student receiving I in English 131-132 prior to 1983 will register for the course component which he did not complete.

ENGLISH 337 Creative Writing **Three credit hours**

Study of theory and techniques of the short story, the essay, the novel, and poetry. Individual experimentation in the various genres. Enrollment with prior consent of instructor.

ENGLISH 391 Advanced Composition **Three credit hours**

Use of literature as a basis for writing themes and developing oral and written communication skills. Emphasis on specialized kinds of writing. Review of the business letter and English fundamentals. Mastery of the techniques of research, using the *MLA Style Sheet* as a guide. Recommended for all students who wish to increase their proficiency in oral and written composition.

ENGLISH 491* The English Language **Three credit hours**

A study of the principles of language study, with special attention to the historical and linguistic forces which have affected the development of the English language.

ENGLISH 493* Modern English Grammar **Three credit hours**

Rapid review of traditional grammar and current usage problems, followed by a descriptive analysis of the structure of present-day English in the light of recent research in linguistics.

LITERATURE

English 231-232† World Literature **Three credit hours each**

An in-depth study of selected literary masterpieces primarily of Western civilization. Attention to major works of other cultures.

NOTE: The chronology of period and literary movements will be observed wherever feasible; the two halves of the course must be taken in sequence.

English 235† Introduction to Fiction **Three credit hours**

This course, designed primarily for the English major, teaches the student to read with understanding selected primary sources from classical mythology. Through these readings the student will learn theme, idea, and interpretation, character (as sum of personal qualities), structure, and technique. (May substitute for English 232)

ENGLISH 330 Chaucer **Three credit hours**

Detailed study of the "Canterbury Tales" and "Troilus and Criseyde." Attention to Middle English and medieval culture. Study of changing critical approaches to Chaucer.

ENGLISH 333-334 English Literature **Three credit hours each**

A survey of English literature from Beowulf to selected works of the present time. Offered in alternate years.

ENGLISH 335-336 American Literature **Three credit hours each**

A survey of American literature from selected works of the Colonial Period to selected works of the present time. Offered in alternate years.

ENGLISH 339 Shakespeare **Three credit hours**

A study of at least twelve of the plays (eight in detail). (Same as Drama 339.)

ENGLISH 395 Honors Seminar **Three credit hours**

A seminar for majors who are pursuing departmental honors in English. Thematically organized course. Provides an opportunity for students to study a selected topic by means of independent research and seminar discussions.

ENGLISH 430 Milton **Three credit hours**

Selected prose and all of the English poems.

ENGLISH 431 English Literature of the Restoration and the Eighteenth Century **Three credit hours**

A study of English literature from the Restoration to 1798.

ENGLISH 433 Modern Drama **Three credit hours**

Extensive reading and study in the works of representative European and American dramatists. Attention to purpose, theme, and techniques. (Same as Drama 433.)

ENGLISH 435 Studies in Romantic Literature **Three credit hours**

A detailed study of the Romantic Movement, including the major English poets—Blake, Wordsworth, Coleridge, Byron, Shelley, Keats—and a broad understanding of the significant prose of the period.

ENGLISH 436 Studies in Victorian Literature **Three credit hours**

A study of the major post-Romantic poets. Varying choice of subject matter from year to year.

ENGLISH 437 Contemporary Literature **Three credit hours**

Study of outstanding figures of British and American literature from 1914 to the present. Varying choice of authors and subjects from year to year.

ENGLISH 439 Principles of Literary Criticism **Three credit hours**

Review of the history of Western criticism, study of developments in literary theory, guided experiences with practical criticism.

ENGLISH 490 Senior Seminar **Three credit hours**

(See Humanities 490: Senior Humanities Seminar.)

ENGLISH 494 Afro-American Literature: 1920 to the Present **Three credit hours**

A study of the literature of the period and its historical, cultural, and aesthetic perspectives. Open to inservice teachers, juniors, and seniors.

ENGLISH 495 Honors Seminar **Three credit hours**

A seminar for senior majors who are pursuing departmental honors in English. Advanced research and discussion of selected topics in literature and related areas. Open to juniors upon recommendation of adviser.

ENGLISH 499 Independent Study **One to six credit hours**

A planned and structured project cooperatively defined by student and faculty. Student permitted to contract to complete work in the areas of language, writing, or literature. Enrollment: one, two, or three hours according to the scope of work to be completed. May be taken again for three additional hours of credit. Open to majors and to English education majors.

THE TEACHING OF ENGLISH

ENGLISH 338 Literature and Media for Adolescents **Three credit hours**

A study of literature and media for adolescents. Open to students of intermediate and secondary education, as well as to inservice teachers. (Same as Communications 338.)

ENGLISH 429 The Teaching of English **Two credit hours**

A study of philosophy, materials, and techniques used in teaching language, literature, and composition in grades 7-12.

ENGLISH HONORS PROGRAM

The purpose of the English Honors Program is to provide an envir onment in which academically gifted English majors can utilize their full learning potential. The program is designed to stimulate Honors English majors to think and to work independently. Students will also be encouraged to pursue further intellectual and career developments after graduating from Johnson C. Smith.

The English Honors Program adds another dimension to the University Honors Program by enabling honors students with an interest in English to continue honors work begun in their freshman and sophomore years. It also gives English students who are not in the Honors Program an opportunity to develop their full potentiality in their area of special interest.

Requirements for Admittance into the Program

In order to qualify for the English Honors Program, prospective English majors must have a minimum grade of **B** in their freshman and sophomore English courses. Students with a 2.75 average in

freshman and sophomore work may be considered for the program if they exhibit potential and seem highly motivated. Such students must have letters of recommendation from at least two of their English professors. It will be left to the discretion of the English Honors Committee whether or not students with a 2.75 average should be admitted into the program.

Students who are interested in the program are required to meet with the English Honors Committee to have the program fully explained and to discuss with the committee their reasons for wanting to participate in the Honors Program.

Kinds of English Honors Courses

The English Honors Program consists of two kinds of honors courses:

1. **In-course honors**, consisting of both English honors students and regular students

   Requirements include at least twelve credits of in-course honors work.

   Students may choose the course in which they wish to do honors work provided the professor teaching the course agrees.

   In-course honors work will consist of the following:

   a. More extensive independent research
   b. Required reports in which the findings of the independent research will be presented to the class as a whole
   c. More extensive and in-depth term projects

   In-course honors will give the student an opportunity not only to do more independent research but also to gain practical experience in the classroom setting. Moreover, the other students will benefit from the work of the honors student.

2. **Honors seminars**, consisting of English honors students exclusively

   Requirements include two honors seminars. One seminar is offered in the first semester of the junior year; another is available in the first semester of the senior year.

   Honors seminars will be taught on a rotating basis so that students will be exposed to various members of the English faculty. In some cases, more than one professor might be involved in teaching the honors seminar. The topics will vary from year to year, depending upon the career goals of the honors students.

CURRICULUM FOR ENGLISH MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190A	3	English 190B	3
French or Spanish 131	3	French or Spanish 132	3
Mathematics 131	3	Art 231	3
Physical Education (Activity)	1	Mathematics 132	3
Biology 140	4	Physical Education (Activity)	1
Orientation 111	1	Physical Science 141	4
		Orientation 112	1
	15		18

Sophomore Year

English 231	3	English 232	3
French or Spanish 231	3	French or Spanish 232	3
Religion 130	3	Sociology 131	3
History 131	3	History 132	3
Speech 131	3	English 337 or 391	3
Physical Education 121	2		
	17		15

Junior Year

English 333 or 335	3	English 334 or 336	3
English 330 or 430	3	English 339	3
English 439	3	English 491 or 493	3
English 395	3	Philosophy 131	3
Psychology 131	3	Music 131	3
	15		15

Senior Year

English 431 or 435	3	English 436 or 437	3
English 490 or 495	3	English 433	3
Electives	9	Education 330	3
		Electives	6
	15		15

CURRICULUM FOR ENGLISH EDUCATION MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190A	3	English 190B	3
French or Spanish 131	3	French or Spanish 132	3
Mathematics 131	3	Art 231	3
Physical Education (Activity)	1	Mathematics 132	3
Biology 140	4	Physical Education (Activity)	1
Orientation 111	1	Physical Science	4
Physical Education 121	3	Orientation 112	1
	18		18

Sophomore Year

English 231	3	English 232	3
French or Spanish 231	3	French or Spanish 232	3
Religion 130	3	History 132	3
History 131	3	English 337 or 234	3
Speech 131	3	Music 131	3
		Sociology 131	3
	15		18

Junior Year

English 333 or 335	3	English 334 or 336	3
English 439	3	English 339	3
English 338 or 438	3	English 491 or 493	3
Education 233	3	English 429	2
Education 221	2	Psychology 237 or 239	3
Education 330	3	Education 222	2
	17		16

Senior Year

English 330 or 430	3	Education 462	6
English 433	3		
English 435 or 437	3		
English 236	3		
Physical Education 226	2		
Elective	3		
	17		6

REQUIRED COURSES FOR ENGLISH MINORS

English 337 or 391	3
English 333-334 or 335-336	6
English 339	3
English 437 or 494	3
English 491 or 493	3
	18

PHILOSOPHY AND RELIGION COURSES

PHILOSOPHY

Philosophy courses serve as electives in a wide variety of subjects for students in other disciplines who wish to broaden their intellectual perspectives. An asterisk (*) identifies those elective courses that are designed for all interested students. A double asterisk (**) identifies courses designed especially for students in mathematics and the sciences. Philosophy courses that also serve as general education courses are indicated by a dagger (†) after the course number.

NOTE: A major in philosophy and religion has been discontinued. All students currently enrolled in these disciplines will be allowed to continue until they have fulfilled the requirements for the degree.

PHILOSOPHY 131*† Introduction to Philosophy **Three credit hours**
A course introducing the student to the reading and doing of philosophy. Discussion of methods of philosophical inquiry and representative philosophical concepts. FALL and SPRING SEMESTERS.

PHILOSOPHY 231* Ancient Philosophy **Three credit hours**
The history of philosophical thought in the Greco-Roman world from the Ionians to the Roman Stoics. Prerequisite: Philosophy 131. FALL and SPRING SEMESTERS.

PHILOSOPHY 233*† Practical Logic **Three credit hours**
A survey of the basic problems of clear and straight thinking with emphasis on their application to the use of language. Prerequisite: Philosophy 131. FALL and SPRING SEMESTERS.

PHILOSOPHY 234† Ethics **Three credit hours**
A study of basic methods and selected systems of ethical thinking discussed in terms of their relevance to present-day moral issues facing both individuals and society. Prerequisite: Philosophy 131. FALL and SPRING SEMESTERS.

PHILOSOPHY 331* Modern Philosophy **Three credit hours**
The history of the philosophical thought from the Renaissance to the present time. Prerequisite: Philosophy 231 or permission of the instructor. Alternate years. SPRING SEMESTER.

PHILOSOPHY 333* Philosophy of Religion **Three credit hours**
A philosophical investigation of such topics as faith and reason, religious language, nature and existence of God, religious view of man. Prerequisite: permission of the instructor. (Same as Religion 333.) Alternate years. SPRING SEMESTER.

PHILOSOPHY 432 Seminar in Philosophy **Three credit hours**
Advanced research on selected philosophical topics. Prerequisite: permission of the instructor. SPRING SEMESTER.

PHILOSOPHY 490 Philosophy Seminar in the Humanities **Three credit hours**
(Same as Humanities 490: Senior Humanities Seminar.)

RELIGION

The religion courses provide the opportunity for learning experiences in the following content areas: the Judeo-Christian tradition, including Biblical literature, church history, Afro-American perspectives; the African influence; other major religious traditions in the contemporary world; methods and procedures in Christian education and worship.

NOTE: A major in philosophy and religion has been discontinued. All students currently enrolled in these disciplines will be allowed to continue until they have fulfilled the requirements. Each religion course consists of three credit hours with the exception of 220, 221, and 222. Religion courses that serve to meet general education requirements are indicated by a dagger (†) after the course number.

RELIGION 130† The Judeo-Christian Heritage **Three credit hours**
The essential insights and ideas of the Old and New Testaments and their continuing values for man today. FALL and SPRING SEMESTERS.

RELIGION 131† Survey of the Great Living Religions **Three credit hours**
A study of the living religions of the world, including the religions of Africa, in the light of their historical development, beliefs, practices, and contemporary importance. FALL and SPRING SEMESTERS.

RELIGION 231 Christian Education Program of the Church **Three credit hours**
A thorough study of the organization and administration of an effective church program for adults, youth and children. FALL SEMESTER.

RELIGION 232 The Life and Teachings of Jesus **Three credit hours**
A study of the life and teachings of Jesus as found in the four Gospels and their relation to current problems. FALL SEMESTER.

RELIGION 236 The History of Christianity in America **Three credit hours**
A continuation of Religion 235. Major aspects of Christian thought and institutions in the United States, from colonial days to the present, with special reference to the development of the Afro-American churches. Alternate years. SPRING SEMESTER.

RELIGION 330 The Black Man: His Religious Institutions and Thought **Three credit hours**
A study of the Afro-American religious experience. Attention to its African antecedents, its development in dependence upon and independence of Euro-American Christianity, and the emerging critique of religion's relevance to culture. SPRING SEMESTER.

RELIGION 331 Recent Developments in Religious Experience **Three credit hours**
The relation of contemporary religious thought to the occult, witchcraft, astrology, communal living, ESP, drug scene, and new modes of communication. SPRING SEMESTER.

RELIGION 335 The Sociology of Religion **Three credit hours**
A functional analysis of the interrelationships involving society, culture, and religion. The role of the church and religion in the social order and social change. Alternate years. SPRING SEMESTER.

RELIGION 430 Seminar in Religion **Three credit hours**
Advanced research on selected topics in religion. SPRING SEMESTER.

RELIGION 490 Religion Seminar in the Humanities **Three credit hours**
(Same as Humanities 490: Senior Humanities Seminar.)

DEPARTMENT OF FOREIGN LANGUAGES

The Department of Foreign Language is committed to assist in providing an environment in which Johnson C. Smith University students may realize their individual potential as stated in the official purpose of the University. The department seeks to contribute to the student's intellectual, spiritual, social, and emotional growth by developing the communication skills of understanding, speaking, reading, and writing a foreign language and by developing a knowledge and understanding of a foreign culture.

Minors are offered in French and in Spanish. In addition to the objectives previously stated, students who minor in French or Spanish develop the ability to compare and to contrast cultures objectively and to acquire a knowledge of the civilization and literature of the target language.

Students who have studied two or more years of a foreign language in high school are required to take a placement examination in the language studied. According to their scores, students will be placed in 131, 132, 231, 232. Those students who place in 231, as a result of the placement examination, have satisfied the equivalent of 132. They may elect to continue in the study of a foreign language as electives or upon recommendation of their major departments.

FRENCH

A minor in French consists of twelve credit hours beyond French 232, a total of twenty-four credit hours or the equivalent.

FRENCH 131 Elementary French — **Three credit hours**
An introductory course in the audio-lingual skills of listening, speaking, reading, and writing.

FRENCH 132 Elementary French — **Three credit hours**
Further emphasis on the audio-lingual skills. Prerequisite: French 131.

FRENCH 231 Intermediate French — **Three credit hours**
Continued stress on reading and writing skills. Newspaper and magazine articles to be used as supplementary materials. Prerequisite: French 132.

FRENCH 232 Intermediate French — **Three credit hours**
Reading of selected literary works. Special study of grammatical structure. Prerequisite: French 231.

FRENCH 331 French Civilization — **Three credit hours**
A series of minicourses conducted in French history, geography, art, music, architecture, film, theatre, French-African literature, French for business and international affairs, and conversation. Prerequisite: French 232.

FRENCH 332 French Civilization — **Three credit hours**
A continuation of French 331.

FRENCH 333 Advanced Studies in French Conversation, Grammar, and Composition — **Three credit hours**
Instruction in French. Prerequisite: French 232.

FRENCH 334 French Phonetics **Three credit hours**

An intensive study in phonetics. Practical application of phonetics to modern standard French. Extensive oral exercises.

FRENCH 420 Materials and Methods of Teaching High School French **Two credit hours**

A six-week block course. SPRING SEMESTER.

FRENCH 430 French Linguistics **Three credit hours**

A study of the phonology, morphology, and syntax of the French language.

FRENCH 431 French Literature from the Origins Through the Renaissance **Three credit hours**

A study of the literature of France in its beginnings and development through the Middle Ages and the Renaissance. Conducted in French.

FRENCH 432 French Literature of the Seventeenth Century **Three credit hours**

A study of the masterpieces of the seventeenth century: the works of Corneille, Racine, Moliere, and La Fontaine. Conducted in French.

FRENCH 433 French Literature of the Eighteenth Century **Three credit hours**

A study of the significant writers and literary trends of the eighteenth century. Conducted in French.

FRENCH 434 French Literature of the Nineteenth Century **Three credit hours**

A study of the significant writers and literary trends of the nineteenth century. Conducted in French.

FRENCH 435 French Literature of the Twentieth Century **Three credit hours**

A study of the principal literary trends and significant writers since 1900. Conducted in French

SPANISH

A minor in Spanish consists of twelve credit hours beyond Spanish 232 or a total of twenty-four credit hours.

SPANISH 131 Elementary Spanish **Three credit hours**
A course designed to develop the skills necessary for oral and written expression.

SPANISH 132 Elementary Spanish **Three credit hours**
Continued practice in the skills of oral and written expression. Prerequisite: Spanish 131.

SPANISH 231 Intermediate Spanish **Three credit hours**
Further practice in conversation and composition. Analysis of the basic grammatical principles. Prerequisite: Spanish 132.

SPANISH 232 Intermediate Spanish **Three credit hours**
Continued emphasis on spoken and written Spanish. Prerequisite: Spanish 231.

SPANISH 331 Advanced Spanish Grammar, Composition, and Conversation **Three credit hours**
Selected readings in Spanish and Latin-American literature. For students who desire intensive oral and written work in Spanish. Prerequisite: Spanish 232.

SPANISH 332 Advanced Spanish Grammar, Composition, and Conversation **Three credit hours**
Selected readings in Spanish and Latin-American literature. For students who desire intensive oral and written work in Spanish. Prerequisite: Spanish 331.

SPANISH 333 Survey of Spanish and Spanish-American Literature to 1700 **Three credit hours**
Lectures, reading, discussions, and reports conducted in Spanish.

SPANISH 334 Survey of Spanish and Spanish-American Literature Since 1700 **Three credit hours**
Lectures, readings, discussions, and reports conducted in Spanish. Prerequisite: Spanish 333.

SPANISH 335 Spanish for Business **Three credit hours**
A conversational introduction to a specialized area of Spanish which provides the opportunity to acquire business tools in Spanish.

SPANISH 430 Latin American Civilization and Culture **Three credit hours**
Lectures, readings, discussions and reports dealing with Latin American history and culture.

SPANISH 431 The Golden Age of Spanish Literature: The Most Important Works **Three credit hours**
Lectures, readings, discussions, and reports. Includes masterpieces of the Golden Age. Conducted in Spanish. Prerequisite: Spanish 332.

DEPARTMENT OF MUSIC

The Department of Music has the following aims and objectives: first, to provide experiences contributing to the students' development as music creators, performers, and teachers; second, to lead students to an understanding of music as a means of universal and personal expression; third, to provide opportunities for students to experience many types and styles of music; fourth to assist students with special talent and interest to prepare for further education and careers in music-related fields; fifth, to provide career offerings and musical experience for students other than those enrolled in the music major program; and sixth, to provide enrichment for the cultural life of Johnson C. Smith University and the community at large.

Students planning to enter either the music education program or the music-business program should begin the course of study in the freshman year.

ENTRANCE REQUIREMENTS

The musical preparation required for admission into the music education and music business programs should include a knowledge of elementary theory sufficient for admission without condition to the freshman theory course and demonstration of sufficient background in the technique and literature of his chosen area of study.

An entrance examination will be given to students who wish to pursue either music major program. The examination will consist of an audition and an aptitude test. The audition should be arranged before arrival on campus. Auditions are also given during the Freshman Orientation Week and during the school year. Students who live great distances from the campus may submit tapes.

Students who are deficient in theory and in their major instrument will not be accepted into the Music Department until they demonstrate an acceptable entry level.

GENERAL REQUIREMENTS FOR ALL MUSIC MAJORS

All music majors are required to:

1. Attend concerts, seminars and recitals presented by the department. Attendance will be monitored and considered a part of the student's grade in applied music courses.
2. Participate in ensembles, with or without credit, during their entire period of study at the University.
3. Become members of the Student Chapter 341 of the Music Educators National Conference.
4. Demonstrate proficiency in a major performing medium by presenting a senior recital during their senior year.

5. Appear before the faculty for a jury examination in each applied music area studied at the end of each semester.
6. Attain minimum performance requirements in both piano and voice.
7. Pass a proficiency test in ear training, sight-singing and rhythmic reading at the end of the first semester of the junior year. Failure to pass this examination will require additional study, either in course work or private study, until this deficiency is removed.
8. Pass a comprehensive examination during the senior year covering music theory, music history and literature, and music education or music business. Failure to pass this examination will require additional study, either in course work or private study, until this deficiency is removed.

THE MUSIC EDUCATION MAJOR

The Bachelor of Arts degree with a major in music education is designed for students who wish to be certified in public school music. The music education program prepares the student for the North Carolina A Certificate for elementary and secondary school teaching. All music education majors are required to qualify for the North Carolina A Certificate and they must complete the professional and certification courses as outlined by the Department of Education, including Education 462, Student Teaching in the Secondary School. The student must pass the National Teachers Examination in order to be certified as a public school music teacher.

The student may select from two areas of preparation in music education, the Instrumental Program and the General Program. The student will demonstrate his competencies by completing forty-eight to fifty-three semester hours of study in music and music education.

The completion of the music education major will require either a heavier than average load during the student's four years, one or two summer sessions, an additional semester, or a fifth year.

MUSIC FEES

Individual lessons in all applied music: $15.00 per one-half credit hour. Practice fee for all instruments: $10.00 per semester.

ENSEMBLES

The Johnson C. Smith University Choir

The Johnson C. Smith University Choir is composed of students selected from all departments of the University and has been enthusiastically received in outstanding performances in many sections of the country. The choir studies and performs, with the highest standards possible, the best choral literature selected from the various periods

and styles. The study and performance of this literature emphasizes (1) the principles of vocal production, i.e., breathing, posture, diction, tone quality, balance, blending, and (2) interpretation, i.e., tempo and rhythm, phrasing, dynamics and climax, attack and unanimity, pitch or intonation, and spirit or emotion. Members are accepted on the basis of a simple audition and may register for credit or participate without credit.

The Johnson C. Smith University Marching Band

The Johnson C. Smith University Marching Band is composed of students selected from all departments of the University. The Marching band studies and performs, with the highest standards possible, and the best marching band literature. The band performs at all home football games, and on occasion, at games played away from the campus. Occasionally, the band participates in parades and other functions held within the Charlotte area. Members are accepted on the basis of auditions which are held at the beginning of each fall semester. Members receive one credit hour for each semester in which they participate.

The Johnson C. Smith University Concert Band

The Johnson C. Smith University Concert Band is composed of students selected from all departments of the University. The Concert Band performs on the campus and at schools and other functions held within the Charlotte area. The band studies and performs the best band literature with the highest possible standards. The band serves as a laboratory for instrumental conducting students. Members are accepted on the basis of auditions which are held at the beginning of the spring semester. Members receive one credit hour for each semester in which they participate.

The Johnson C. Smith University Jazz Band

The Johnson C. Smith University Jazz Band is composed of members of the Concert Band. The Jazz Band strives to develop the talents of members in the area of jazz and Big Band music style. The band performs on the campus and throughout the Charlotte area. Auditions for membership in the Jazz Band are open to members of the Concert Band.

The University String Ensemble

The University String Ensemble is open to all students of the University. It studies and performs literature of the various periods and styles. The ensemble meets once a week and presents one performance each semester.

All ensembles serve as laboratories for conducting, and, where applicable, accompanying. All applied music classes serve as laboratories for accompanying.

THE MUSIC MINOR

A minor in music consists of twenty credit hours, including eight credit hours of theory, six credit hours of music history and literature, and six credit hours of approved electives.

MUSIC THEORY

MUSIC 132 The Fundamentals of Music **Three credit hours**
A review course in basic musicianship, including the fundamentals of music and music theory. (Four class meetings per week.)

MUSIC 133 Music Theory I **Three credit hours**
The integrated study of written theory and harmony, keyboard harmony, aural theory, analysis, and literature. Prerequisite: demonstration of competencies in Music 132. (Four class meetings per week.)

MUSIC 134 Music Theory II **Three credit hours**
A continuation of areas begun in Music 133. Prerequisite: demonstration of competencies required in Music 133. (Four class meetings per week.)

MUSIC 233 Music Theory III **Three credit hours**
The advanced integrated study of the materials and literature of music. Prerequisite: demonstration of competencies required in Music 134. (Four class meetings per week.)

MUSIC 234 Music Theory IV **Three credit hours**
A continuation of areas begun in Music 233. Prerequisite: demonstration of competencies required in Music 233. (Four class meetings per week.)

MUSIC 322 Conducting **Two credit hours**
A study of the technique of conducting instrumental and vocal groups.

MUSIC 323 Orchestration **Two credit hours**
A study of instruments of the orchestra, together with the practical study of the art of symphonic scoring.

MUSIC 427 Form and Analysis **Two credit hours**
A study of the small part-forms through the larger part-forms.

APPLIED MUSIC

Piano

MUSIC 113-114 Piano (Individual) **One credit hour**
Instruction to meet the needs of students at various stages of proficiency.

MUSIC 213-214 Piano (Individual **One credit hour**
Additional technique and repertoire materials.

MUSIC 313-314 Piano (Individual) **One credit hour**
Continuation of advanced technique and literature.

MUSIC 413-414 Piano (Individual) **One credit hour**
Continuation of advanced technique and literature. Senior recital.

MUSIC 423-424 Piano (Individual) **Two credit hours**
Advanced study of technique and repertoire.

Organ

MUSIC 117-118 Organ (Individual) **One credit hour**
A course requiring students to demonstrate ability to play the piano fluently, to have a working knowledge of scales, triads, and arpeggios, and to sight-read accurately. Principles of organ touch and technique; preparatory manual and pedal studies; selected pieces from standard organ repertoire.

MUSIC 217-218 Organ (Individual) **One credit hour**
Advanced pedal and manual studies continued. Simple modulations at the organ; transpositions and improvisations; repertoire building continued.

MUSIC 317-318 Organ (Individual) **One credit hour**
Continuation of previous course.

MUSIC 417-418 Organ (Individual) **One credit hour**
Continuation of previous course.

Voice

MUSIC 115-116 Voice **One credit hour**
Study and principles of voice production, examination and evaluation of solo materials, classification of voices. Prerequisite to advanced courses in voice.

MUSIC 215-216 Voice (Individual) **One credit hour**
Continuation of Voice 115-116.

MUSIC 315-316 Voice (Individual) **One credit hour**
Continuation of Voice 215-216.

MUSIC 415-416 Voice (Individual) **One credit hour**
Continuation of Voice 315-316. Senior recital.

MUSIC 425-426 Voice (Individual) **Two credit hours**
Advanced study of technique and repertoire.

Orchestral Instruments

MUSIC 610-611 String Class **One credit hour**
A course for the beginner. Individual and ensemble playing of exercises, scales, arpeggios, and easy compositions

MUSIC 612-613 Strings (Individual) **One credit hour**

MUSIC 614-615 Strings (Individual) **One credit hour**

MUSIC 616-617 Strings (Individual) **One credit hour**

MUSIC 618-619 Strings (Individual) **One credit hour**
A study of the technique and repertoire of the chosen instrument.

MUSIC 710-711 Woodwind Class **One credit hour**
A course for the beginner. Individual and ensemble playing of exercises, scales, arpeggios, and easy compositions.

MUSIC 712-713 Woodwind (Individual) **One credit hour**

MUSIC 714-715 Woodwind (Individual) **One credit hour**

MUSIC 716-717 Woodwind (Individual) **One credit hour**

MUSIC 718-719 Woodwind (Individual) **One credit hour**
A study of the technique and repertoire of the chosen instrument. Senior recital.

MUSIC 720-721 Woodwind (Individual) **Two credit hours**
Advanced study of technique and repertoire.

MUSIC 810-811 Brass and Percussion Class **One credit hour**
A course for the beginner. Individual and ensemble playing of exercises, scales, arpeggios, and easy compositions.

MUSIC 812-813 Brass and Percussion (Individual) **One credit hour**

MUSIC 814-815 Brass and Percussion (Individual) **One credit hour**

MUSIC 816-817 Brass and Percussion (Individual) **One credit hour**

MUSIC 818-819 Brass and Percussion (Individual) **One credit hour**
A study of the technique and repertoire of the chosen instrument. Senior recital.

MUSIC 820-821 Brass and Percussion (Individual) **Two credit hours**
Advanced study of technique and repertoire.

MUSIC EDUCATION

MUSIC 339 The Teaching of Music in the Elementary School **Three credit hours**
Principles, objectives, materials, and procedures for meeting the needs of the classroom teacher in the elementary school. Designed for elementary education majors.

MUSIC 432 Music in the School Curriculum **Three credit hours**
Principles, objectives, materials, and procedures for meeting the needs of the music teacher in the total school curriculum. The problems of organization, administration and teaching techniques of the music teacher and supervisor in the elementary through the secondary school will be explored. Required for all music education majors.

MUSIC 433 Vocal and Choral Methods **Three credit hours**
Study of the voice dealing with techniques of vocal production, vocal problems, vocal literature and techniques for teaching voice to students and adults. Methods, materials, rehearsal techniques, administration and other major choral problems will be studied. Required for general music education majors.

MUSIC 434 Instrumental Methods **Three credit hours**
Study of methods, materials, techniques, organization, administration, equipment, marching band techniques and other major problems of instrumental teaching. Required for instrumental music education majors.

MUSIC LITERATURE AND HISTORY

MUSIC 131 Introduction to Music Literature **Three credit hours**
An introduction to the history and literature of music.

MUSIC 337-338 Music History and Literature **Three credit hours**
A general survey of the development of music from primitive sources to the present day.

MUSIC 429 Independent Study or Seminar **Two credit hours**
Investigation of some aspect of music or music education. Prerequisite: permission of the department.

ENSEMBLES

MUSIC 1H1-1H2 Vocal Ensemble (University Choir) **One credit hour**

A course that presents choral music of the best type in performances of the highest possible standard. Members chosen by audition.

MUSIC 1H3-1H4 Instrument Ensemble (University Band) **One credit hour**

A course that presents instrumental music of the best type in performances of the highest possible standard. Members chosen by audition.

SUGGESTED PROGRAM OF STUDIES FOR THE MUSIC EDUCATION MAJOR

(INSTRUMENTAL)

First Year

Courses	Fall Semester	Spring Semester
English 190A-B	3	3
Philosophy 131 or Religion 130	3	—
Mathematics 131-132	3	3
Speech 131	—	3
Psychology 131	3	—
Education 121	—	2
Music 133-134*	3	3
Music 113-114	1	1
Major Instrument	1	1
Physical Education (Activity)		1
Orientation 111-112	1	1
Total	18	18

Second Year

English 231-232	3	3
French 131-132	3	3
Art 231	3	—
Community Health 226	2	—
Social Science Requirement 131	—	3
Education 230	—	3
Music 233-234	3	3
Music 213-214	1	1
Major Instrument	1	1
Music 610-611	1	1
Physical Education (Activity)	1	—
Total	18	18

Summer: Psychology 237
Summer: Education 322
Summer: Physical Education 121

**Students who do not demonstrate competencies to pursue this course will be required to take Music 132, The Fundamentals of Music*

Third Year

Courses	Fall Semester	Spring Semester
Psychology 239	—	3
History 131-132	3	3
Social Science	—	3
Education 395	—	3
Education 393	3	—
Music 131	3	—
Music 337-338	3	3
Music 710-711	1	1
Major Instrument	1	1
Music 323	2	—
Music 810-811	1	1
Total	17	18

Summer: Biology 140 - 4 Semester Hours
Summer: Physical Science 141 - 4 Semester Hours

Fourth Year

Education 432	3	—
Education 462	—	6
Music 433 or 434	3	—
Music 432	3	—
Music 427	2	—
Music 322	2	—
Music 425	2	—
Major Instrument	2	—
Total	17	6

SUGGESTED PROGRAM OF STUDIES FOR MUSIC EDUCATION MAJORS

(GENERAL)
PIANO/VOICE

First Year

Courses	Fall Semester	Spring Semester
English 190A-B	3	3
Philosophy 131 or Religion 130	3	—
Mathematics 131-132	3	3
Speech 131	—	3
Psychology 131	3	—
Education 121	—	2
Music 133-134*	3	3
Music 113-114	1	1
Music 115-116	1	1
Physical Education (Activity)	—	1
Orientation 111-112	1	1
Total	18	18

Second Year

English 231-232	3	3
Art 231	3	—
History 131-132	3	3
French 131-132	3	3
Education 322	—	2
Music 233-234	3	3
Music 213-214	1	1
Music 215-216	1	1
Physical Education 121	—	2
Physical Education (Activity)	1	—
Total	18	18

Summer: Education 230
Summer: Psychology 237

Students who do not demonstrate competencies to pursue this course will be required to take Music 132, The Fundamentals of Music.

Third Year

Courses	Fall Semester	Spring Semester
Psychology 239	—	3
Social Science	3	3
Social Science Requirement 131	—	3
Community Health 226	2	—
Education 395	—	3
Education 393	3	—
Music 131	3	—
Music 337-338	3	3
Music 313-314	1	1
Music 315-316	1	1
Music 610	1	—
Music 710	1	—
Music 810	—	1
Total	18	18

Summer: Biology 140 - 4 Semester Hours
Summer: Physical Science 141 - 4 Semester Hours

Fourth Year

Education 432	3	—
Education 462	—	6
Music 433 or 434	3	—
Music 432	3	—
Music 427	2	—
Music 322	2	—
Major Instrument	2	—
Elective (Applied)	1	—
Elective (Music 323 or Music 429)	2	—
Total	16-18	6

The Music Education Programs at Johnson C. Smith University are planned, as far as possible, in accordance with the guidelines issued by the Division of Teacher Education, North Carolina Department of Public Instruction, Raleigh, North Carolina.

MUSIC-BUSINESS MAJOR

The Bachelor of Arts degree with a major in music and a concentration in business is designed for students who wish to pursue a career in music and business, encompassing management, sales and other business facets of music production. This course of study will present to the student the fundamentals of music theory and practice, applied music and music history and literature. Applied music courses will stress technique, repertoire, and sources of materials of all instruments.

The program requires a minimum of seventy/seventy-one semester hours credit for graduation. A summary of the required areas is as follows: music, twenty-two/twenty-six semester hours; business, twenty-one semester hours; internship (Economics 461), six semester hours; electives (music-business), eighteen/twenty-one semester hours.

The most important aspect of the curriculum is that of the internship. Internships are based on the cooperative education principle—that of combining classroom learning with periodic intervals of planned and supervised practical experience away from the campus.

The management of artists is investigated and the possibility of working with radio and television is explored. In short, this course of study attempts to give the student the fundamentals of music theory, history and practice, as well as an understanding of the operation of the business system of the lucrative field of music.

APPLIED MUSIC

All students will complete six semester hours credit in a major instrument. The choice of the major instrument will determine the curriculum which the student will follow.

All students will be auditioned in their major instrument and given advice relative to their registration and choice of a program of study.

ENSEMBLES

All students are expected to participate in ensembles for a minimum of two years.

The student may earn a maximum of four semester hours credit toward graduation and he may elect ensembles each semester for no credit, depending upon his load.

ELECTIVES

The student will augment the basic program with courses elected from the following list:

Music

Ensembles—University Choir 1H1-1H2
University Band 1H3-1H4
(Maximum—four credit hours)

	Credit Hours
Conducting—Music 322	2
Orchestration—Music 323	2
Music Literature and History—Music 337-338	3 (each semester)
Form and Analysis—Music 427	2

NOTE: Theory—Music 233-234 is a prerequisite of the above music courses, with the exception of the ensemble courses.

Business	**Credit Hours**
Principles of Management—Business 333	3
Personnel Management—Business 334	3
Microeconomic Theory—Economics 335	3
Marketing Research—Marketing 431	3
Managerial Marketing—Marketing 432	3
Accounting—Intermediate 335-336	3 (each semester)
Marketing—Advertising 332	3

NOTE: These courses must be approved by the Business Administration Department.

SUGGESTED PROGRAM OF STUDIES FOR MUSIC—BUSINESS MAJORS
PIANO/ORGAN
First Year

Courses	Fall Semester	Spring Semester
English 190A-B	3	3
Philosophy 131 or Religion 130	3	—
Art 231	—	3
Mathematics 131-132	3	3
Speech 131	—	3
Music 131	3	
Music 133-134*	3	3
Music 113-114 OR Music 117-118	1	1
Orientation 111-112	1	1
Total	17	17

Students who do not demonstrate competencies to pursue this course will be required to take Music 132, The Fundamentals of Music.

Second Year

Courses	Fall Semester	Spring Semester
English 231-232	3	3
History 131-132	3	3
Social Science	3	2
Music 213-214 OR Music 217-218	1	1
Music 610	1	—
Music 115	—	1
Music 233-234	3	3
Economics 131-132	3	3
Physical Education (Activity)	1	1
Total	18	17

Summer: Biological Science 140 - 4 Semester Hours
Social Science Requirement 131

Third Year

Principles of Accounting 235-236	3	3
Principles of Marketing 331	3	—
Marketing and Salesmanship 333	3	—
Marketing and Retailing 334	—	3
Physical Science 141	4	—
Music 313-314 OR Music 317-318	1	1
Music 710	1	1
Music 810	—	1
Electives	—	6*
French 131-132	3	3
Total	18	18

Fourth Year

Music 429 (Projects)	2	—
Music 117**	1	*
Economics 461 (Internship)	—	6
Electives	14-15	—
Total	17-18	6

For Organ majors
**For Piano majors*

VOICE/WOODWINDS/BRASS OR PERCUSSION/STRINGS

First Year

Courses	Fall Semester	Spring Semester
English 190A-B	3	3
Philosophy 131 or Religion 130	3	—
Art 231	—	3
Mathematics 131-132	3	3
Speech 131	—	3
Music 131	3	—
Music 133-134*	3	3
Music 113-114	1	1
Music 115-116 OR Music 712-713 OR Music 812-813 OR Music 612-613	1	1
Applied Music	1	—
Physical Education (Activity)	—	1
Total	18	18

Second Year

English 231-232	3	3
History 131-132	3	3
Social Science Requirement 131	3	
Music 213-214	1	1
Music 215-216 OR Music 714-715 OR Music 814-815 OR Music 614-615	1	1
Music 233-234	3	3
Economics 131-132	3	3
Applied Music	—	1
Physical Education (Activity)	1	1
Total	18	16

Summer: Biological Science - 4 Semester Hours
Social Science requirement - 131

Third Year

Principles of Accounting 235-236	3	3
Principles of Marketing 331	3	3
Marketing and Salesmanship 333	3	3
Marketing and Retailing 334	—	3
Physical Science 141	4	—
Applied Music**	2	1
French 131-132	3	3
Physical Education 121	—	2
Total	18	18

Students who do not demonstrate competencies to pursue this course will be required to take Music 132, the Fundamentals of Music.

***The student's major instrument will determine the selection of applied music courses during the junior year.*

Courses	Fall Semester	Spring Semester
Applied Music**		
Voice 315-316	1	1
Woodwinds 710	—	1
Organ 117	1	—
Strings 610	1	—
OR		
Woodwinds 716-717	1	1
Voice 115	—	1
Organ 117	1	—
Strings 610	1	—
OR		
Brass or Percussion 816-817	1	1
Voice 115	—	1
Organ 117	1	—
Strings 610	1	—
OR		
Strings 616-617	1	1
Woodwinds 710	—	1
Organ 117	1	—
Voice 115	1	—

Fourth Year

Music 429 (Projects)	2	—
Economics 461 (Internship)	—	6
Brass/Percussion 810 OR Woodwinds 710	1	—
Electives	13-15	—
Total	16-18	6

DIVISION II: THE SOCIAL SCIENCES

The Division of Social Sciences is composed of the following departments: Business Administration-Economics, History-Political Science, Sociology-Social Work, and Urban Studies and Community Affairs. The division offers majors in accounting, banking and finance, economics, general business, history, marketing, political science, social science (social studies), social work, sociology, and urban studies. Students majoring in any of the above areas are required to take the introductory course in each of the following disciplines: economics, political science, sociology, history and urban studies and community affairs.

WASHINGTON CENTER FOR LEARNING ALTERNATIVES

Johnson C. Smith University is affiliated with the Washington Center for Learning Alternatives. The Washington program is competitive and only students with a grade point average of 3.0 or better should apply. Students may apply for full-time academic internships for either the Fall or Spring Semester or one of the symposia programs (one to three weeks) which use a combination of lectures, discussion, and site visits to provide for the development of students. Internships are available in Congressional offices, Executive agencies, judicial organizations, public and special interest groups, national associations, and community programs. A limited amount of financial aid is available to minority students.

THE SOCIAL SCIENCE MAJOR (SOCIAL STUDIES EDUCATION)

The social science major, consisting of forty-two credit hours of course work, is designed basically to accommodate two categories of students: (1) those who are prospective social studies teachers and (2) those who are seeking a more general background in the social science area. Students electing to major in the social sciences are required to complete twenty-one credit hours of subject matter concentration (history is highly recommended) and twenty-one credit hours of course work chosen from three or more of the other major areas in the social sciences division, including History 235 which may count in either category.

Because history remains a basic part of the secondary school curriculum, prospective teachers will be more marketable with a concentration in history. In this case History 131-132, 135-136, 235, plus any six credit hours electives in history are required. Students concentrating in a social science discipline other than history are required to take all required courses within that discipline plus History 235.

The prospective teacher should check with the Department of Education for a list and sequence of education courses required. Education 326, Materials and Methods in High School Social Studies, is required.

SOCIAL SCIENCE

SOCIAL SCIENCE 326 Material and Methods in High School Social Studies **Two credit hours**

Concerned with the philosophy, aims, methods, and techniques of teaching the social studies in secondary school. This course is a prerequisite for student teaching in the field of social studies. Offered upon demand.

SOCIAL SCIENCE 490 Social Science Seminar **Three credit hours**

A course designed to help students to achieve a synthesis of social science knowledge. Conducted by selected members of the division faculty. Open to juniors and seniors, open to non-majors by permission of the staff. Offered for credit in students' chosen areas of concentration. (Same as Sociology 490.)

CURRICULUM FOR SOCIAL SCIENCE MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190A	3	English 190B	3
Sociology 131	3	Psychology 131	3
History 131	3	History 132	3
Speech 131	3	Music 131	3
Math 131	3	Math 132 or 136	3
Physical Education (Activity)	1	Orientation 112	1
Orientation 111	1		
	17		16

Sophomore Year

English 231	3	English 232	3
History 235	3	Art 231	3
Biology 140	4	Physical Science	4
Physical Education (Activity)	1	Physical Education 121	2
French or Spanish 131	3	French or Spanish 132	3
Education 232	3	Education 230	3
	17		18

Junior Year

History 135	3	History 136	3
Sociology 133	3	History elective	3
Geography 130	3	Political Science 131	3
Psychology 237	3	Education 395	3
Education 331	3	Psychology 239	3
Religion 130 or Phil. 131	3	Education 393	3
	18		18

Senior Year

Economics 131	3	Education 432	3
Social Science 326	2	Education 492X	9
History electives	6		
Social sciences electives	6		
	17		12

DEPARTMENT OF BUSINESS ADMINISTRATION AND ECONOMICS

The Department of Business Administration and Economics has a fourfold purpose: first, to guide students in understanding the operation of business and economic systems and to stress the interrelation among the various social sciences; second, to prepare students for entry level jobs in profit and nonprofit-making organizations; third, to provide a broad background for majors who intend to pursue graduate studies in economics, business, and other related fields; fourth, to develop leadership qualities in students that are necessary for making a constructive contribution to society through a chosen vocation.

The department offers the Bachelor of Arts Degree in Economics, the Bachelor of Science Degree in Business Administration with a concentration in Banking and Finance, Accounting, Management and Marketing.

ECONOMICS (EC)

A Bachelor of Arts Degree in Economics consists of thirty-one credit hours of related business courses, twenty-seven credit hours in the major area of concentration (Economics), sixty-two credit hours of general education requirements and five credit hours of electives. The minimum required hours for graduation is 125.

SPECIALIZED COURSES REQUIRED

RELATED BUSINESS COURSES

Economics 231-232	6 hrs.	Accounting 235-236	6 hrs.
Management 335-336	6 hrs.	Economics 234	3 hrs.
Mathematics 143	4 hrs.	Computer Science 231	3 hrs.
Economics 233	3 hrs.		

REQUIRED COURSES FOR THE MAJOR AREA OF CONCENTRATION

Economics 331	3 hrs.	Economics 332	3 hrs.
Economics 333	3 hrs.	Economics 334	3 hrs.
Economics 335	3 hrs.	Economics 336	3 hrs.
Economics 431	3 hrs.	Management 431	3 hrs.
Economics 433	3 hrs.		

Description of Courses in Major Area

ECONOMICS 231-232 Principles of Economics **Six credit hours**

An introductory course in principles and theories of economics. Prerequisite of English 190 and Math 131-132. (Formerly EC 131-132)

ECONOMICS 233 Mathematical Foundation of Business and Economics **Three credit hours**

A study of mathematical techniques applicable to economics and business. Required of all majors or minors in the Department of Business Administration and Economics. Prerequisite of Economics 231-232. (Formerly 133).

ECONOMICS 234 Statistics **Three credit hours**

Principles of applied business statistics, collection, tabulation, classification, presentation of business and economic data. Prerequisite of Economics 233. (Formerly EC 134)

ECONOMICS 331 Money and Banking **Three credit hours**

A study of instruments and problems of prices and institutional practices. Special emphasis on practical banking operations. Prerequisite of Economics 231 and 232.

ECONOMICS 332 Urban and Regional Economics **Three credit hours**

An analysis of the various theories of regional and urban development.

ECONOMICS 333 Economic Development of the United States **Three credit hours**

A study of the history of the United States during the twentieth century. Prerequisite of Economics 231 and 232.

ECONOMICS 334 International Economics and Social Problems **Three credit hours**

A comprehensive view of the international field of exchange, production, and distribution.

ECONOMICS 335 Microeconomic Theory **Three credit hours**

Examination of the value and distribution theory, including the theory of consumer behavior and the theory of the firm. Prerequisite of Economics 231 and 232.

ECONOMICS 336 Macroeconomic Theory **Three credit hours**

An analysis of the national income level, employment and price level. Prerequisite of Economics 335.

ECONOMICS 431 Industrial Organization and Regulation of Business **Three credit hours**

A discussion of market structures and problems of public policy created by the attempt at their control and regulation. Prerequisite of Economics 335 and 336.

ECONOMICS 432 Introduction to Econometrics **Three credit hours**

The application of statistics and mathematics to economics problems. The formulation of economic models, their measurement, and their verification. Prerequisite of Economics 233 and 234.

ECONOMICS 433 Economic Development **Three credit hours**

A study of the economics of underdeveloped countries. Major concentration on African countries. Prerequisite of Economics 335 and 336.

ECONOMICS 461 Internship **Six credit hours**

On-the-job training designed to bridge the gap between the academic world and the business world. Student must have a grade point average of at least 2.00 and have an application on file prior to going on field experience. Only one period of internship is permitted.

CURRICULUM FOR THE MAJOR AREA

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190 I	3	English 190 II	3
Mathematics 131	3	Mathematics 132	3
Speech 131	3	Music 131	3
History 131	3	History 132	3
Political Science 131	3	Sociology 131	3
Physical Education (Activity)	1	Physical Education (Activity)	1
Orientation 111	1	Orientation 112	1
	17		17

Sophomore Year

English 231	3	English 232	3
French or Spanish 131	3	French or Spanish 132	3
Religion or Philosophy 131	3	Art 231	3
Accounting 235	3	Accounting 236	3
Economics 231	3	Economics 232	3
Mathematics 143	4	Computer Science 231	3
	19		18

Junior Year

Economics 233	3	Economics 234	3
Management 335	3	Management 336	3
Economics 331	3	Economics 336	3
Economics 335	3	Personal Hygiene 121	2
Economics 332	3	Chemistry 141	4
Biology 140	4	Economics 334	3
	19		18

Senior Year

Management 431	3	Economics 433	3
Economics 333	3	Economics 431	3
Electives	5		
	11		6

BUSINESS ADMINISTRATION

The courses offered in the Business Administration Curriculum provide specialized concentration in four areas: Accounting, Management, Banking and Finance and Marketing. Each student is required to choose one area of concentration.

ACCOUNTING (AC)

A concentration in the area of Accounting consists of thirty-four credit hours of related business courses, thirty credit hours in the area of concentration (Accounting), sixty-two credit hours of general education requirements, and three credit hours of internship. The minimum required credit hours for graduation is 125.

SPECIALIZED COURSES REQUIRED

RELATED BUSINESS COURSES

Economics 231	3 hrs.	Economics 232	3 hrs.
Economics 233	3 hrs.	Economics 234	3 hrs.
Management 335	3 hrs.	Management 336	3 hrs.
Mathematics 143	4 hrs.	Computer Science 231	3 hrs.
Marketing 331	3 hrs.	Accounting 235-236	6 hrs.

REQUIRED COURSES FOR MAJOR AREA OF CONCENTRATION

Accounting 335	3 hrs.	Accounting 336	3 hrs.
Accounting 435	3 hrs.	Accounting 337-338	6 hrs.
Accounting 437 I	3 hrs.	Accounting 437 II	3 hrs.
Accounting 438 I	3 hrs.	Accounting 438 II	3 hrs.
		Accounting 490	3 hrs.

Description of Courses

COMPUTER SCIENCE 231 Computer Programming **Three credit hours**
(See Department of Mathematics) Prerequisite of Math 131 and 132.

***ACCOUNTING 235-236 Principles of Accounting** **Six credit hours**
A discussion of the fundamental elements of accounting. Prerequisite of Math 131 and 132.

ACCOUNTING 335-336 Intermediate Accounting **Six credit hours**
A study of higher and more technical principles of accounting. Prerequisite of Accounting 235 and 236.

ACCOUNTING 337-338 Cost Accounting **Six credit hours**
The study of basic cost accounting principles, practices and procedures. Special applications to job order costing, process cost accounting, managerial profit planning and budgeting. Prerequisite of Accounting 235 and 236.

ACCOUNTING 437I-437II Federal Income Taxes **Six credit hours**
A course in the fundamentals of the federal income tax relating to individuals, partnerships and corporations, including the effect of tax laws upon business decisions. Prerequisite of Accounting 335 and 336.

ACCOUNTING 438I-438II Auditing **Six credit hours**
A study of the purposes and scope of audits and examinations, auditing standards, various types of audits and special investigations, and form and scope of report presentation. Theory and practice work: an integrated case study which involves the preparation of the working papers and the report for a complete audit to be finished during the semester. Prerequisite of Accounting 335 and 336.

ACCOUNTING 435-436 Advanced Accounting **Six credit hours**
A laboratory course in the procedures of consolidating balance sheets and income statements. Accounting for mergers and conglomerates. A discussion of the impact of regulatory agency laws. Prerequisite of Accounting 335 and 336.

ACCOUNTING 490 Internship **Three credit hours**
On the job training designed to bridge the gap between the academic world and the business world. Student must have a grade point average of at least 2.00 and have an application on file prior to going on field experience. Prerequisite of Accounting 335 and 336. Only one period of internship is permitted.

**Not counted toward major requirements.*

CURRICULUM FOR THE MAJOR AREA

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190 I	3	English 190 II	3
Mathematics 131	3	Mathematics 132	3
Speech 131	3	Music 131	3
History 131	3	History 132	3
Political Science 131	3	Sociology 131	3
Physical Education (Activity)	1	Physical Education (Activity)	1
Orientation 111	1	Orientation 112	1
	17		17

Sophomore Year

English 231	3	English 232	3
French or Spanish 131	3	French or Spanish 132	3
Religion or Philosophy 131	3	Art 231	3
Accounting 235	3	Accounting 236	3
Economics 231	3	Economics 232	3
Mathematics 143	4	Computer Science 231	3
	19		18

Junior Year

Economics 233	3	Economics 234	3
Accounting 335	3	Accounting 336	3
Management I 335	3	Management II 336	3
Marketing 331	3	Chemistry 141	4
Biology 140	4	Accounting 337	3
Personal Hygiene 121	2		
	18		16

Senior Year

Accounting 437 I	3	Accounting 437 II	3
Accounting 438 I	3	Accounting 438 II	3
Accounting 435	3	Accounting 490	3
Electives	2		
	11		9

MANAGEMENT (MG)

A concentration in management consists of thirty-one hours of related business courses, twenty-seven credit hours in the area of concentration (Management), sixty-five credit hours of general education requirements or project, and five credit hours of electives. A minimum of 125 credit hours is required for graduation.

SPECIALIZED COURSES REQUIRED

RELATED BUSINESS COURSES REQUIRED

Economics 231-232	6 hrs.	Accounting 235-236	6 hrs.
Mathematics 143	4 hrs.	Economics 233	3 hrs.
Economics 234	3 hrs.	Computer Science 231	3 hrs.
Marketing 331	3 hrs.	Management 231	3 hrs.

REQUIRED COURSES IN AREA OF CONCENTRATION

Management 333	3 hrs.	Management 331	3 hrs.
Management 339	3 hrs.	Management 334	3 hrs.
Management 432	3 hrs.	Management 431	3 hrs.
Management 335	3 hrs.	Management 336	3 hrs.
Management 439	3 hrs.		

Description of Courses

MANAGEMENT 231 Personal and Family Finance **Three credit hours**

An analysis of financial decisions and judgments which the average family must make during a lifetime. Prerequisite of Basic Math 131-132. (Same as Sociology 130)

MANAGEMENT 331 Principles of Insurance **Three credit hours**

A study of the economic and social services, as well as the techniques and underlying principles of insurance. Prerequisite of Basic Math 131-132.

MANAGEMENT 333 Principles of Management **Three credit hours**

A study of the principles and techniques underlying the successful organization and management of business activities. Discussion of planning, staff, directing and controlling industrial enterprise. Prerequisite of Business 332.

MANAGEMENT 334 Personnel Management **Three credit hours**

A study of the basic principles of management, employment procedures, testing, training, remuneration plans, handling of grievances, promotion, and transfer of personnel records. Prerequisite of Business 333.

MANAGEMENT 335-336 Business Law **Six credit hours**

A course in the elements of business law. Prerequisite of English 190.

MANAGEMENT 339 Small Business Management **Three credit hours**

Stresses the importance of small business management, methods, sources, and procedures.

MANAGEMENT 431 Corporate Finance **Three credit hours**

A study of theories, procedures, institutions, instruments, problems, and policies that are involved in the acquisition and use of money by small and large corporations. Prerequisite of Economics 331.

MANAGEMENT 432 Production Control **Three credit hours**

Development of ability to analyze and to solve production problems and to formulate production policies. Introduction to quantitative techniques in production management. Prerequisite of Business 431.

MANAGEMENT 433-434 Fundamentals of Real Estate **Six credit hours**

An analysis of the nature of transactions involved in the acquisition and use of real estate and in the nature of real estate markets. Deals with real estate problems from the standpoint of business administrators, brokers, and property owners. (Upon completion of the courses, certificates will be awarded qualifying the recipient to take the North Carolina State Salesman's Licensing Examination.)

MANAGEMENT 439 Financial Management **Three credit hours**

This course will cover the principles of financial management. Emphasis will be placed on decision-making and problem solving. Prerequisite of Accounting 235-236.

CURRICULUM FOR THE MAJOR AREA

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190 I	3	English 190 II	3
Mathematics 131	3	Mathematics 132	3
Speech 131	3	Music 131	3
History 131	3	History 132	3
Political Science 131	3	Sociology 131	3
Physical Education (Activity)	1	Physical Education (Activity)	1
Orientation 111	1	Orientation 112	1
	17		17

Sophomore Year

English 231	3	English 232	3
French or Spanish 131	3	French or Spanish 132	3
Religion or Philosophy/130 or 131	3	Art 231	3
Accounting 235	3	Accounting 236	3
Economics 231	3	Economics 232	3
Mathematics 143	4	Computer Science 231	3
	19		18

Junior Year

Economics 233	3	Economics 234	3
Management I 335	3	Management II 336	3
Marketing 331	3	Management 121	3
Management 333	3	Management 334	3
Management 331	3	Chemistry 141	4
Biology 140	4	Health 121	2
	19		18

Senior Year

Management 431	3	Management 432	3
Management 339	3	Electives	5
Management 439	3		
	9		8

MARKETING (MKT)

A concentration in Marketing consists of thirty-one credit hours of related business courses, twenty-seven credit hours in the area of concentration (Marketing), sixty-five credit hours of general education requirements, and five credit hours of electives. A minimum of 125 credit hours is required for graduation.

SPECIALIZED COURSES REQUIRED

RELATED BUSINESS COURSES REQUIRED

Economics 231-232	6 hrs.	Accounting 235-236	6 hrs.
Economics 233	3 hrs.	Economics 234	3 hrs.
Management I 335	3 hrs.	Management II 336	3 hrs.
Mathematics 143	4 hrs.	Computer Science 231	3 hrs.

REQUIRED COURSES IN AREA OF CONCENTRATION

Marketing 331	3 hrs.	Marketing 332	3 hrs.
Marketing 333	3 hrs.	Marketing 334	3 hrs.
Marketing 335	3 hrs.	Marketing 431	3 hrs.
Marketing 432	3 hrs.	Marketing 434	3 hrs.
Electives	5 hrs.	Management 439	3 hrs.

Description of Courses in Major Area

MARKETING 331 Principles of Marketing **Three credit hours**

A course designed to show the characteristics, history and functions relating to marketing and the principles involved in mass salesmanship. A prerequisite for all courses in marketing.

MARKETING 332 Advertising **Three credit hours**

A course intended to provide an understanding of advertising, its functions in our way of life and its role in business. Prerequisite of Marketing 331.

MARKETING 333 Salesmanship and Sales Management **Three credit hours**

A study covering both the theoretical principles and practical application of modern selling. An analysis of the managerial functions.

MARKETING 334 Principles of Retailing **Three credit hours**

An introduction of the structure of retailing and problems associated with the management of retail stores or various types. Prerequisite of Marketing 331.

MARKETING 335 Fundamentals of Selling **Three credit hours**

A course designed to provide the student with a general survey of the various careers in selling and a thorough study of the selling process. Prerequisite of Marketing 334.

MARKETING 431 Marketing Research **Three credit hours**

The nature of marketing problems, problem definition, and formulation of hypotheses, theories of measurement, experimental design, and survey techniques applied to marketing problems. Prerequisite of Marketing 334.

MARKETING 432 Managerial Marketing **Three credit hours**

An analysis of the nature and work of the marketing manager, who organizes, directs and controls the various functional specialties of marketing. Prerequisite of Marketing 334.

MARKETING 434 Purchasing **Three credit hours**

A course designed to describe the purchasing role in business, to discuss the relationship between production and purchasing, quality control, finance and the purchasing function.

MANAGEMENT 439 Financial Management **Three credit hours**

This course will cover the principles of financial management. Emphasis will be placed on decision-making and problem-solving. Prerequisite of Accounting 235-236.

CURRICULUM FOR THE MAJOR AREA

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190 I	3	English 190 II	3
Mathematics 131	3	Mathematics 132	3
Speech 131	3	Music 131	3
History 131	3	History 132	3
Political Science 131	3	Sociology 131	3
Physical Education (Activity)	1	Physical Education (Activity)	1
Orientation 111	1	Orientation 112	1
	17		17

Sophomore Year

English 231	3	English 232	3
French or Spanish 131	3	French or Spanish 132	3
Religion or Philosophy	3	Art 231	3
Accounting 235	3	Accounting 236	3
Economics 231	3	Economics 232	3
Mathematics 143	4	Computer Science 231	3
	19		18

Junior Year

Economics 233	3	Economics 234	3
Marketing 331	3	Marketing 333	3
Marketing 332	3	Marketing 335	3
Management I 335	3	Management II 336	3
Marketing 334	3	Chemistry 141	4
Biology 140	4	Personal Hygiene 121	2
	19		18

Senior Year

Marketing 431	3	Marketing 432	3
Marketing 434	3	Management 439	3
Electives	5		—
	11		6

BANKING AND FINANCE (BF)

A concentration in Banking and Finance consists of thirty-one credit hours in related business courses, twenty-seven credit hours in the area of concentration (Banking and Finance), sixty-two credit hours of general education requirements, and five credit hours of electives. The minimum credit hours required for graduation is 125.

SPECIALIZED COURSES REQUIRED

RELATED BUSINESS COURSES REQUIRED

Economics 231-232	6 hrs.	Accounting 235-236	6 hrs.
Economics 233	3 hrs.	Economics 234	3 hrs.
Management 335	3 hrs.	Management 336	3 hrs.
Mathematics 143	4 hrs.	Computer Science 231	3 hrs.

REQUIRED COURSES IN AREA OF CONCENTRATION

Economics 331	3 hrs.	Banking and Finance 337	3 hrs.
Economics 335	3 hrs.	Banking and Finance 338	3 hrs.
Banking and Finance 335	3 hrs.	Banking and Finance 432	3 hrs.
Banking and Finance 431	3 hrs.	Electives (Business)	5 hrs.
Management 431	3 hrs.	Economics 336	3 hrs.

Description of Courses

BANKING & FINANCE 335 Principles of Banking **Three credit hours**

A course of study designed to show how to control cash items and deposits. Discuss management of bank funds.

BANKING & FINANCE 337 Banking Management **Three credit hours**

A study of the nature and objective of banking, describe planning, organizing, staffing and control.

BANKING & FINANCE 338 Loan Credit **Three credit hours**

A course designed to describe the three basic kinds of financial statements. Perform short and long term risk analysis.

BANKING AND FINANCE 431 Management of Commercial Banks **Three credit hours**

A course designed to discuss the major sources and uses of bank funds and to analyze investments.

BANKING & FINANCE 432 Federal Reserved System **Three credit hours**

A study of the Federal Reserved System and its relationship to banking.

ECONOMICS 331 Money and Banking **Three credit hours**

A study of instruments and problems of prices and institutional practices with special emphasis on practical banking operations.

ECONOMICS 335 Microeconomic Theory **Three credit hours**

Examination of the value and distribution theory, including the theory of consumer behavior and the theory of the firm. Prerequisite of Economics 231 and 232.

ECONOMICS 336 Macroeconomic Theory **Three credit hours**

An analysis of the national income level, employment, and price level. Prerequisite of Economics 335.

ECONOMICS 431 Industrial Organization and Regulation of Business **Three credit hours**

A discussion of market structures and problems of public policy created by the attempt at their control and regulation. Prerequisite of Economics 335 and 336.

MANAGEMENT 431 Corporate Finance **Three credit hours**

A study of theories, procedures, institutions, instruments, problems, and policies that are involved in the acquisition and use of money by small and large business corporations. Prerequisite of Economics 331.

CURRICULUM FOR THE MAJOR AREA

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190 I	3	English 190 II	3
Mathematics 131	3	Mathematics 132	3
Speech 131	3	Music 131	3
History 131	3	History 132	3
Political Science 131	3	Sociology 131	3
Physical Education (Activity)	1	Physical Education (Activity)	1
Orientation 111	1	Orientation 112	1
	17		17

Sophomore Year

English 231	3	English 232	3
French or Spanish 131	3	French or Spanish 132	3
Religion or Philosophy/130 or 131	3	Art 231	3
Accounting 235	3	Accounting 236	3
Economics 231	3	Economics 232	3
Mathematics 143	4	Computer Science 231	3
	19		18

Junior Year

Economics 233	3	Economics 234	3
Management I 335	3	Management II 336	3
Banking and Finance 335	3	Banking and Finance 337	3
Economics 331	3	Chemistry 141	4
Biology 140	4	Economics 336	3
Economics 335	3	Personal Hygiene 121	2
	19		18

Senior Year

Management 431	3	Banking and Finance 432	3
Banking and Finance 431	3	Banking and Finance 338	3
Electives	2	Electives	3
	8		9

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

HISTORY

For a major in history the student is required to complete thirty credit hours of course work. For a minor the student is required to complete eighteen hours of course work. History 131, 132, 135, and 136 are required for all majors and minors. History 235 is required of all majors and is recommended for minors. Introductory courses in economics, political science, sociology, and urban studies must also be completed for the history major. Students may satisfy the language requirement by taking either six credit hours of French or six credit hours of Spanish.

HISTORY 131 World Civilization I **Three credit hours**

A study of the world's major civilizations from the Stone Age to 1500, the strengths and weaknesses of those societies, parallel developments, and cultural interaction.

HISTORY 132 World Civilization II **Three credit hours**

Primarily a study of the development of western European civilization since 1500 and its impact on the rest of the world.

HISTORY 135 History of the United States to 1865 **Three credit hours**

A study of the United States from its European background to 1865.

HISTORY 136 History of the United States Since 1865 **Three credit hours**

A study of the United States from the conclusion of the Civil War to the present.

HISTORY 235 Historiography **Three credit hours**

An introduction to the methods of historical research, the more prominent philosophies of history, and an investigation of the work of outstanding historians. Prerequisite: six hours of history. Required of all history and social science majors. Should be taken FALL SEMESTER of sophomore year.

HISTORY 237 Introduction to Africa **Three credit hours**

Social life, peoples, geography, economy, politics, religion, and arts of pre-modern Africa. Survey of African history and problems facing modern Africa. Offered in alternate years.

HISTORY 330 American Colonial Civilization **Three credit hours**

The study of an "underdeveloped area" and the economic, political, and religious life of the different colonies; the contributions of the various immigrants. Prerequisites: History 135 and 136. Offered in alternate years.

HISTORY 331 Diplomatic History of the United States: 1776-1877 **Three credit hours**

A study of the foreign policy of the United States government. Emphasis upon wars, territorial expansion, and peculiarities of the American position in world politics. Prerequisite: History 135. Offered in alternate years. Recommended for political science majors and prelaw students.

HISTORY 332 Diplomatic History of the United States: The Twentieth Century **Three credit hours**

Emphasis on the most important crises and the formulation of the basic policy decisions from the Spanish-American War to the present. Prerequisite: History 136. Offered in alternate years. Recommended for political science majors and prelaw students.

HISTORY 334 The American Revolution and the Federal Period: 1776-1820 **Three credit hours**

The United States during the formative years of the early republic from the War of Independence to the so-called "era of good feeling." Considerable attention devoted to the creative personalities of the period. Prerequisites: History 135 and 136. Offered in alternate years.

HISTORY 335 Sectionalism and Conflict: 1820-1865 **Three credit hours**

The American experience from the Missouri Compromise through the Civil War; Jacksonian democracy, territorial expansion, black slavery, and the rise of Southern nationalism. Prerequisites: History 135 and 136. Offered in alternate years.

HISTORY 336 Emergence of Modern America: 1865-1900 **Three credit hours**

A study of the revolutionary changes in American life from the end of the Civil War to the close of the nineteenth century, the failure of Reconstruction, the origins of racial segregation, America's emergence as an industrial giant. Prerequisites: History 135 and 136. Offered in alternate years.

HISTORY 337 West Africa **Three credit hours**

An examination of selected topics in West African history, including the Sudanic empires, the slave trade, the development of coastal states, European conquest and types of colonial rule, the struggle for independence, and challenges of development. Offered in alternate years.

HISTORY 338 Black History in the United States **Three credit hours**

A study of the contributions of blacks to American history and civilization, their efforts at racial adjustment, and their struggle for social justice. Prerequisites: History 135 and 136.

HISTORY 339 Early Modern Europe: 1350-1789 **Three credit hours**

A study of radical social change in Europe from the late Middle Ages to the eve of the French Revolution. Renaissance and Reformation; political absolutism and the Enlightenment. Prerequisites: History 131 and 132. Offered in alternate years.

HISTORY 430 Revolution and Romanticism: 1789-1914 **Three credit hours**

A study of Europe from the French Revolution to the outbreak of World War I. The rise of romantic nationalism, liberal democracy, industrialism, and imperialism. Prerequisites: History 131 and 132. Offered in alternate years.

HISTORY 431 Twentieth Century Europe **Three credit hours**

A study of World War I and its consequences; economic, social, and cultural change between the wars; the rise of totalitarian dictatorships and World War II; post-war reconstruction, the Cold War, and the current situation in Europe. Prerequisite: History 132. Offered in alternate years.

HISTORY 432 Southern Africa **Three credit hours**

An examination of selected topics in Central and Southern Africa, including migrations, pre-European culture, European expansion, concessionaire company and settler domination, racism, African liberation movements, and the status of present conflicts. Offered in alternate years.

HISTORY 433 The Old South **Three credit hours**

Political, economic, social, and cultural forces in the evolution of the period 1820-1860. Prerequisite: History 135. Offered in alternate years.

HISTORY 434 The New South **Three credit hours**

Southern history from the end of Reconstruction to the present. A consideration of contemporary regional problems. A study of the South both in relationship and contrast to national development. Prerequisite: History 136. Offered in alternate years. Recommended for students concentrating in urban studies.

HISTORY 435 From the Pharaohs to National Revolutions **Three credit hours**

An examination of selected topics in the history of North, North-East, and East Africa, including the beginnings of the human race, ancient civilizations of Egypt and Kush, trading civilizations of the Mediterranean and the Indian Ocean, Christian and Islamic influences, migrations, Ethiopian feudalism, European colonialism, and modern national revolutionary movements. Offered in alternate years.

HISTORY 436-437 Topics in History **Three credit hours each**

Various special topics which permit advanced work in different fields of historical study.

CURRICULUM FOR HISTORY MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190A	3	English 190B	3
French or Spanish 131	3	French or Spanish 132	3
Music 131	3	Speech 131	3
Math 131	3	Math 132	3
History 131	3	History 132	3
Orientation 111	1	Orientation 112	1
	16		16

Sophomore Year

English 231	3	English 232	3
Biology 140	4	Physical Science 141	4
Philosophy 131 or Religion 130	3	Political Science 131	3
Physical Education (Activity)	1	Physical Education (Activity)	1
History 135	3	History 136	3
History 235	3	Sociology 131	3
	17		17

Junior Year

Art	3	History Elective	3
History Elective	3	History Elective	3
Economics 131	3	General Electives	6
Physical Education 121	2	Urban Studies 230	3
General Electives	6		
	17		15

Senior Year

History Elective	3	History 436*	3
General Electives	12	General Electives	12
	15		15

POLITICAL SCIENCE

The curriculum in political science is designed to prepare students for civic participation, graduate or professional study, private or public employment, and teaching. For a major in political science, the student is required to complete thirty credit hours of course work. For a minor the student is required to complete eighteen credit hours of course work. Political Science 131 is required of all majors and minors and is prerequisite to electing other courses in the political science curriculum. Political Science 230, 334, and 337 or 338 are required of all majors and are recommended for minors. Introductory courses in economics, history, sociology, and urban studies are also required for the major. Statistics and an introductory course in computer science, although not required, are highly recommended for students planning to do graduate work in political science. Students may satisfy the language requirement by taking six credit hours of French or six credit hours of Spanish.

POL. SCI. 131 American Government **Three credit hours**
A study of the development, structure, and operation of the American political system.

POL. SCI. 230 Introduction to Political Analysis **Three credit hours**
An introductory study and application of the concepts and methods necessary for an analysis of the political system. Open only to political science majors.

POL. SCI. 330 Public Administration **Three credit hours**
A study of the formulation of public policy, organization and management, and problems of personnel and finance. Offered in alternate years.

POL. SCI. 332 Contemporary Governments and Politics of Africa **Three credit hours**
A survey of the governments and politics of Africa south of the Sahara. Emphasis on the cultural, political, economic, and ideological development in selected countries and regions. Offered in alternate years. May be taken for credit in history.

POL. SCI. 333 Comparative Political Systems **Three credit hours**
A comparative analysis of various political systems in the developed and developing countries. Emphasis on the parliamentary system (as modified) and the American Presidential system. Offered in alternate years.

POL. SCI. 334 International Relations **Three credit hours**
An analysis of the international political system, including the distribution of power among states in the international system, the manner in which states try to increase their capabilities, and the various mechanisms for conflict adjustment.

**Recommended; may be taken in the junior or the senior year.*

POL. SCI. 335 Constitutional History of the United States **Three credit hours**
The historical development of American constitutionalism from the Colonial Period. Emphasis on federal-state relations, governmental powers, and governmental impact in the economic sector. May be taken for credit in history.

POL. SCI. 336 Civil Rights and Liberties **Three credit hours**
An analysis of United States Supreme Court cases pertaining to civil rights and liberties.

POL. SCI. 337 History of Political Theory **Three credit hours**
A study of political thought from Greece to the seventeenth century, including basic writings from Plato to Hobbes.

POL. SCI. 338 History of Political Theory **Three credit hours**
A study of political thought from the seventeenth century to the present, including writings from Locke to the Declaration of Human Rights proposed as the foundation of the United Nations.

POL. SCI. 339 Afro-American Social and Political Thought **Three credit hours**
An analysis of Afro-American social and political thought from 1850. Emphasis on the dialectic between the assimilationist and separatist movements of this period.

POL. SCI. 431 Materials and Methods **Three credit hours**
The study and application of basic research materials and methods in political science. Emphasis on formulation of the problem, research design, data collection, analysis, and interpretation of the data.

POL. SCI. 433 International Organization and Law **Three credit hours**
A study of the nature and role of international law and the operations of the United Nations and various regional and functional organizations. Prerequisite: Polical Science 334.

POL. SCI. 438 Political Science Seminar **Three credit hours**
Readings, papers, and discussions on selected topics in political science. Offered (on demand) to seniors majoring in political science. Prerequisite: permission of the instructor.

POL. SCI. 439 Pre-Law Internship **Three credit hours**
A supervised internship with selected lawyers and legally related agencies designed to give pre-law students actual experience in the legal system as well as knowledge and skills pertaining to the law and the fundamental principles and values on which law is based. Open only to senior students in the pre-law program with a 2.5 over-all grade point average and 3.0 average in their major.

POL. SCI. 490 Senior Seminar **Three credit hours**
(See Social Science 490: Social Science Seminar.)

CURRICULUM FOR POLITICAL SCIENCE MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190A	3	English 190B	3
French or Spanish 131	3	French or Spanish 132	3
Music 131	3	Speech 131	3
Math 131	3	Math 132	3
History 131	3	History 132	3
Orientation 111	1	Orientation 112	1
	16		16

Sophomore Year

English 231	3	English 232	3
Biology 140	4	Physical Science 141	4
Philosophy 131 or Religion 130	3	Art 231	3
Political Science 131	3	Political Science 230	3
Physical Education (Activity)	1	Physical Education (Activity)	1
Economics 131	3	Sociology 131	3
	17		17

Junior Year

Political Science 337 (or Pol. Sci. 338)	3	Political Science 338 (or Pol. Sci. 337)	3
Political Science 334	3	Political Science Elective	3
General Electives	9	General Electives	6
Physical Education 121	2	Urban Studies 230	3
	17		15

Senior Year

Political Science Elective	3	Political Science 431	3
Political Science Elective	3	Political Science Elective	3
General Electives	9	General Electives	9
	15		15

PRE-LAW

No particular course of study (major) is a prerequisite for admission to law school. All lawyers need to be effective users of the English language. But what the pre-law student needs is a solid foundation in English and speech; he need not major in either of these disciplines unless he wishes to do so. Law schools are seeking young men and women with analytical minds who can think clearly and logically and then express themselves both orally and in writing.

While a majority of students going into law usually major in one of the social sciences (economics, history, political science, or sociology), other majors, such as English, psychology, or philosophy, provide a good background for legal study. Students majoring in one of the natural sciences could use law as one of their options for professional preparation.

The Association of American Law Schools advises the pre-law student to "major in the field in which he is most interested and do as well as he can in all his subjects."

Regardless of the major, the pre-law student should take the following core courses: English 234, Philosophy 233, Accounting 235, Computer Science 131-132, Political Science 336, and Speech 232 or 330. Other recommended courses are: History 135-136, History 237, History 339, Political Science 335, Sociology 232, and Sociology 330.

DEPARTMENT OF URBAN STUDIES AND COMMUNITY AFFAIRS

Because society faces increasingly complex urban problems these challenges demand men and women committed to careers as urban problem-solvers. Further, it is increasingly important to prepare individuals for entry-level administrative, planning and programmatic positions in urban agencies—governmental and nongovernmental or for graduate schools where individuals can be trained to become City Administrators, Planners, Program Directors, etc.

Further, we believe firmly in experiential education through internships, seminars, workshops, field trips, conferences and community programs. We are interested in the community and community growth and sponsor programs which may enhance urban life and impact positively on people's lives.

Through our Urban Studies Center we seek to become a depository for relevant information, develop a resources library and audio-visual laboratory, provide research facilities and publish a journal, brochures and pamphlets.

The Department of Urban Studies and Community Affairs is a true multi-disciplinary field benefitting from Business, Economics, History, Natural Sciences, Political Science, Sociology and Social Welfare. The Department provides an opportunity for the study of such essentials as: revitalization of central city economies, improvement of transportation, energy efficiency, delivering public services more effectively, achieving equal opportunities, and focusing on issues

including the broader social questions of wealth, social class, poverty, ethnicity, race, religion and dissemination of services to promote urban development and growth. The future is bright for students prepared and committed to help build an urban community in which we can all derive the benefits of socially productive and personally rewarding programs.

A major in urban studies and community affairs consists of thirty-three credit hours of course work including the internship program. URB 230, 335, 338, 435, 439A and 460 are required of all majors. The requirement is a minimum grade of C in each major course. A minor in urban studies and community affairs consists of eighteen credit hours of course work, including URB 230, 335, 338 and 435.

URB 230 The Urban Environment **Three credit hours**

A foundation for the multi-disciplinary analysis of urbanization. This is an introductory course which seeks to develop an awareness of the increasing interdependence of peoples and cultures; the relationship between man and environments; and the problems and opportunities presented by a rapidly changing, urbanizing society

URB 330 The Urban Ghetto: Its Development, Growth and Significance **Three credit hours**

This course will examine the orgin characteristics and significance of selected ghetto and slum areas in the United States. Attention will be focused on the impact of formal and informal social controls, institutions and social organizations, and the positive and negative functions of the ghetto environment upon ghetto inhabitants. Considerations will be given to pertinent inter-relationships between the ghetto and the larger urban environment.

URB 331 Community Relations **Three credit hours**

A critical analysis of Community and Neighborhood in modern urban America. Included in the course will be a study of community services and agencies and their role in directing the course of urban life. Community growth will be examined historically, politically and sociologically in order to determine the interaction required for neighborhood development and revitalization.

URB 332 Regional and Urban Development **Three credit hours**

A study of urban and regional problems including a detailed analysis of the nature of jurisdictions and the various approaches to the multijurisdictional metropolitan planning process. This course will include governmental, quasi-governmental and non-governmental jurisdictions.

URB 335 Urban Government and Politics **Three credit hours**

This course is designed to stress the location of local systems within our national system. It will provide an overview of urban governments and problems and trace the path of metropolitan development within the urban environment. Included in the course will be a study of the structures of local authority and such theoretical questions as who holds power in local communities and under what conditions. It further will look at local life from the perspective of individuals and groups and will outline the attitudes that are relevant for local life and for public policy. It will focus intently on local services and policy domains and will look at differing views about what the future of urban America will be.

URB 337 Urban Political Economy **Three credit hours**

Surveys the main factors in economic change in urban society and how political decisions interact with these economic factors. Views changes from the perspective of the main characteristics of the modern economy, employment, wages, and income, and the role of local, state and federal governments in economic development. Gives special attention to (1) distribution of wealth and income; (2) the trends in employment, unemployment and income distribution among racial minority groups.

URB 338 Strategies for Social Change in an Urban Society **Three credit hours**

Examines the issues and variables involved in developing fundamental change in Urban America. Beginning with urban social reform movements in the early 20th century, the course will examine the theories and strategies for social change that have been proposed and their relationship to issues of social class, wealth, ethnicity, race, and religion.

URB 434 Urban Redevelopment and Revitalization **Three credit hours**

A study of the impact of various programs currently employed locally and nationally to learn of legislative and executive processes in meeting the problems faced by urban redevelopment and revitalization. Examines the impact also of ideology and interest groups on these processes. Included in the course will be an examination of new town developments in the United States and in other countries.

URB 435 Urban Policy Analysis **Three credit hours**

Introduces students to the process of urban policy and development through the use of social science methodologies. Provides students with techniques in social problem identification, data collection and analysis, policy development and social program design, implementation, monitoring and evaluation.

URB 439A Urban Senior Seminar **Three credit hours**

A senior seminar which gives students experience in conducting research on problems related directly to experiential education to interaction with community groups. This represents an opportunity to share findings among students, faculty and community representatives. The topics of the seminar will relate to specific experiential projects.

URB 439B Urban Senior Seminar **Three credit hours**

A seminar designed for students who have completed URB 439A or have equivalent experience. All students will be required to conduct research based on an experiential experience and share findings with appropriate groups. With consent of Instructor.

URB 460 Urban Studies Internship **Six credit hours**

A course designed to assist students in acquiring first-hand knowledge of governmental and private, non-profit agencies in the urban community. Each intern will work in the fields of administration, planning and/or program development.

URB 461 Advanced Urban Studies Internship **Six credit hours**

A course designed for students who have completed successfully URB 460 or have equivalent field experience. To assist students in acquiring advanced knowledge of governmental and private, non-profit agencies in the urban community. Each intern will work in the fields of administration, planning and/or program development, preferably in the agency selected for URB 460. With consent of Instructor.

CURRICULUM FOR URBAN STUDIES AND COMMUNITY AFFAIRS MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190A	3	English 190B	3
History 131	3	French or Spanish 132	3
Speech 131	3	Music 131	3
French or Spanish 131	3	Math. 136	3
Mathematics 131	3	Physical Education 121	2
Physical Education (Activity)	1	History 132	3
Orientation 111	1	Orientation 112	1
	17		18

Sophomore Year

Political Science 131	3	English 232	3
English 231	3	Art 231	3
Religion 130 or Phil. 131	3	Urban Studies 231	3
Physical Education (Activity)	1	Sociology 131	3
Urban Studies 230	3	Physical Science 141	4
	17		16

Junior Year

Social Science (Elective)	3	Urban Studies (Elective)	3
Urban Studies 338	3	Urban Studies 435	3
Urban Studies 335	3	Elective	3
Political Science 330 (Public Administration)	3	Economics 131	3
Elective	3	Urban Studies (Elective)	3
	15		15

Senior Year

Urban Studies 439A	3	Urban Studies 439B	3
Electives	6	Urban Studies (Electives)	3
Urban Studies 460 or 461	6	Electives	9
	15		15

URBAN STUDIES CONCENTRATION

For all Social Science Majors a minimum of 24 hours are required for a concentration.

URBAN STUDIES

230
*330 Sociology Majors Only
*331 Social Work Majors Only
*332 Political Science Majors Only
*335 Political Science Majors Only
*337 Economics & Banking and Finance Majors Only
338
*434 Sociology Majors Only
435
439A or 439B
460 or 461

Required

CURRICULUM FOR SOCIOLOGY MAJORS WITH A CONCENTRATION IN URBAN STUDIES

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190A	3	English 190B	3
Sociology 131	3	French or Spanish 132	3
Speech 131	3	Music 131	3
French or Spanish 131	3	Math 132	3
Math 131	3	Physical Education 121	2
Orientation 111	1	Economics 131	3
		Orientation 112	1
	16		18

Sophomore Year

English 231	3	English 232	3
Political Science 131	3	Philosophy 131 or Religion 130	3
Biology 140	4	Urban Studies 335	3
Urban Studies 230	3	History 132	3
History 131	3	Physical Science 141	4
Physical Education (Activity)	1	Physical Education (Activity)	1
	17		17

Junior Year

Soc. 439 Social Theory	3	Soc. 438 Social Research	3
Urban Studies 338	3	Urban Studies 435	3
Soc. 332	3	Electives	9
Math 136	3		
Art 231	3		
	15		15

Senior Year

Urban Studies 439A	3	Urban Studies 460	6
Soc. Elective	3	Electives	9
Electives	9		
	15		15

DEPARTMENT OF SOCIOLOGY AND SOCIAL WORK

The program of instruction in the Department of Sociology and Social Work is designed to enrich the general "liberal" education of students and to provide preprofessional and pregraduate training for those students who wish to seek careers in social work professionally, to qualify for service-delivering positions requiring no graduate professional education, to enter related professional fields for which there is no required professional sequence, and to enhance and to make more meaningful their participation as citizens.

A major in sociology consists of thirty credit hours of course work, including Sociology 438A, 438B, 439A, 439B. The requirement is a minimum grade of C in each major course. A minor in sociology consists of eighteen credit hours of course work, including Sociology 131. Students may also elect to minor in Corrections and Criminal Justice by completing eighteen credit hours in that area.* Except Sociology 190 and by consent of the instructor, Sociology 131 is prerequisite to enrollment in other courses comprising the sociology curriculum.

SOCIOLOGY

SOCIOLOGY 190 Courtship and Marriage **Three credit hours - elective**

A sociological study of courtship and marriage in the United States. Designed to introduce freshmen students to critical thinking and empirical knowledge relative to affectional involvement. Students enrolled in this course may not satisfy general education requirements. Sociology majors may not use this course to fulfill departmental requirements.

SOCIOLOGY 130 Personal and Family Finance **Three credit hours**

An analysis of financial decisions and judgments which the average family must make during a lifetime. (Same as Management 231.)

SOCIOLOGY 131 Principles of Sociology **Three credit hours**
An introduction to the viewpoints, basic concepts, and methods of sociology.

SOCIOLOGY 133 Introduction to Cultural Anthropology **Three credit hours**
A survey of the various processes and conditions involved in cultural growth and change.

SOCIOLOGY 230 Intergroup Relations **Three credit hours**
An analysis of viewpoints, processes, and basic factors underlying problems of adjustment between divergent racial or cultural groups.

SOCIOLOGY 231 Medical Sociology **Three credit hours - elective**
This course will provide a sociological analysis of (1) the social processes affecting conditions of health and disease and (2) the cluster of social relationships and organizations that comprise the institution of medicine.

SOCIOLOGY 232 Introduction to Criminal Justice
As an elective **Three credit hours**
This course is designed to introduce the student to the criminal justice system in America. It will provide a comprehensive survey of current theories and practices in the criminal justice process. Included in the course will be a study of the principal functions and roles of four major components—legislative bodies, law enforcement agencies, courts and correctional institutions. It will highlight contemporary issues in each phase of the process.

SOCIOLOGY 233 Sociological Statistics **Three credit hours**
The application of inferential statistics to data in the social sciences. Emphasis on normal, chi-square, t, and F distributions, regression, and hypothesis testing. Prerequisite: Mathematics 136 or its equivalent. (Same as Psychology 233.) FALL SEMESTER.

SOCIOLOGY 234 Introduction to Gerontology **Three credit hours - elective**
The survey of biological, psychological and sociological perspectives and research relevant to the study of human aging.

***SOCIOLOGY 235 Correctional System I** **Three credit hours - elective**
Introductory in nature, focuses on the basic elements, historical development and trends within the prison system.

***SOCIOLOGY 236 Correctional System II** **Three credit hours - elective**
Analysis of contemporary prison system including changes in the field of corrections, community based rehabilitation programs and alternatives to incarceration.

***SOCIOLOGY 237 Juvenile Delinquency** **Three credit hours**
An analysis of the antisocial behavior of youth. Emphasis on causes, consequences, and efforts at prevention.

***SOCIOLOGY 238 Social Problems** **Three credit hours**
A sociological treatment of contemporary social problems. Offered alternate years. FALL SEMESTER.

***SOCIOLOGY 330 Sociology of Law** **Three credit hours**
The purpose of this course will be to analyze the role of law as an agency of social control, and its relationship to other social institutions. Special emphasis will be placed on the social junctions of courts, judges, and the legal profession. Law will be viewed as a reflection of sociocultural values.

SOCIOLOGY 331 The Family **Three credit hours**
An examination of the structures and functioning of the family as a social institution.

(*Denotes Criminal Justice Sequence)

SOCIOLOGY 332 Urban Sociology **Three credit hours**

A study of the growth, the ecology, the social processes, the organization, and the problems of the urban community.

SOCIOLOGY 333 Social Stratification **Three credit hours - elective**

An examination of the ways in which societies differ in terms of their systems of internal differentiation.

SOCIOLOGY 335 The Sociology of Religion **Three credit hours**

A functional analysis of the interrelationships involving society, culture, and religion. The role of the church in the social order and social change. (Same as Religion 335.) SPRING SEMESTER.

(Formerly Collective Behavior)

SOCIOLOGY 337 Sociology of the Black Community **Three credit hours**

An analysis of the structure and the functioning of the black community as a social system. Offered in alternate years. SPRING SEMESTER.

***SOCIOLOGY 338 Deviant Behavior** **Three credit hours**

Emphasis on individual behavior patterns in society. Examination of the social and psychological principles underlying sociopathic behavior.

***SOCIOLOGY 339 Criminology** **Three credit hours**

An examination of crime as a social phenomenon and the methods of prevention and control. Offered in alternate years.

SOCIOLOGY 431 Social Psychology **Three credit hours**

Problems, concepts, and methods in the study of social interaction and interpersonal influence. (Same as Psychology 431.)

SOCIOLOGY 436 Independent Study **Three credit hours**

An arranged program of independent study and research.

SOCIOLOGY 438A Social Research (I) **Three credit hours - elective**

An introduction to the techniques, and methods of scientific inquiry (part I). Prerequisite: nine credit hours of sociology or consent of instructor.

SOCIOLOGY 438B Social Research (II) **Three credit hours - elective**

An intensive study of research procedures, with special emphasis on data processing, measurement, and quantitative analysis. Prerequisite: Sociology 438 (Social Research I).

SOCIOLOGY 439A The Developments of Social Theory **Three credit hours**

An analysis of the emergence and development of sociological theory. Prerequisite: nine credit hours of sociology or consent of instructor.

SOCIOLOGY 439B Modern Theory and Theory Construction **Three credit hours - elective**

An analysis of contemporary theoretical perspectives. An introduction to theory construction.

SOCIOLOGY 490 Social Science Seminar **Three credit hours**

A course conducted by selected members of the division faculty. Designed to help the student to achieve a synthesis of social science knowledge. Open to juniors and seniors. Nonmajors: by permission of the instructional staff. Permits major students to receive credit in their area of concentration. (See Social Science 490.)

(*Denotes Criminal Justice Sequence)

CURRICULUM FOR SOCIOLOGY MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190A	3	English 190B	3
Math 131	3	Math 132	3
Speech 131	3	Music 131	3
French or Spanish 131	3	French or Spanish 132	3
Physical Education 121	2	Sociology 131	3
Orientation 111	1	Physical Education (Activity)	1
		Orientation 112	1
	15		17

Sophomore Year

English 231	3	English 232 or 235	3
French or Spanish 231	3	French or Spanish 232	3
Biology 140	4	Art 231	3
History 131	3	History 132	3
*Math 136	3	Physical Science 141	4
Physical Education (Activity)	1		
	17		16

Required for students entering 1977-1978 and thereafter.

Junior Year

Sociology 439	3	Sociology 438	3
Economics 131	3	Political Science 131	3
Rel. 130 or Phil. 131	3	Sociology —	3
Sociology —	3	Sociology —	3
———	3	———	3
	15		15

Senior Year

Sociology —	3	Sociology —	3
Sociology —	3	Sociology —	3
———	3	———	3
———	3	———	3
———	3	———	3
	15		15

NOTE: All Sociology Majors are required to take the basic course in each of the following areas: economics, political science, sociology, urban studies and *two in history.*

SOCIAL WORK

A major in social work consists of thirty credit hours of course work, including Social Work 239, 334A, 334B, 432, 433, 434A, 434B, and 460. A minor in social work consists of eighteen credit hours of course work, including Social Work 239, 334A, 334B, 434A and 434B. All students electing a major or to minor in social work must take Sociology 131 before enrolling in any social work courses.

SOCIAL WORK 234 Social Rehabilitative Services **Three credit hours**
A comprehensive study of selected social services programs on the local, state, and national levels. Attention is given to both public and private agencies which deal with the physically and emotionally handicapped. FALL SEMESTER.

SOCIAL WORK 239 Introduction to the Field of Social Work **Three credit hours**
A survey course which includes a history of social work and a comparison of all the methods in social work. SPRING SEMESTER.

SOCIAL WORK 330 Social Policy **Three credit hours**
A study of the history, sociology, and economics of social services. Includes issues of choice and change. FALL SEMESTER.

SOCIAL WORK 331 Child Welfare: Policies and Practices **Three credit hours**
A course designed to offer social work students comprehensive up-to-date information on child and family welfare. FALL SEMESTER.

SOCIAL WORK 332 Social Planning **Three credit hours**
A course designed to clarify the major phases in the planning process in theory and practice. SPRING SEMESTER. (Prerequisite: Social Work 330.)

SOCIAL WORK 333 Social Workers in Clinical Settings **Three credit hours - elective**
A practical course, designed to introduce and develop in upper level class students an awareness and overview of the various social and psychothereapeutic services available to protect the general public.

SOCIAL WORK 334A Human Growth and Development in the Social Environment **Three credit hours**
A course which examines human behavior in the social environment from a normal perspective. Special emphasis on man's bio-psycho-social needs and the behavioral consequences when these needs are not met. FALL SEMESTER.

SOCIAL WORK 334B Human Growth and Development in the Social Environment **Three credit hours**
This course continues the study of behavior in the life cycle at the point where the first component ended during the Fall Semester. It concludes with specific focus on the bio-psycho-social needs of the aged members of our population. SPRING SEMESTER (Prerequisite: Social Work 334A.)

SOCIAL WORK 432 Social Welfare as a Social Institution **Three credit hours**
An assessment of the philosophy, development, behavior, current trends, and dynamics of social welfare as a cognate institution in the social system. FALL SEMESTER.

SOCIAL WORK 433 Seminar in Social Work **Three credit hours**
A course requiring students to interpret data from field experiences in light of previously established concepts of social work methods and practices. SPRING SEMESTER.

SOCIAL WORK 434A Social Work Methodologies **Three credit hours**
Examination of the process in social work practice with individuals, families, and groups. (Formerly Introduction to Casework.)

SOCIAL WORK 434B Social Work Methodologies **Three credit hours**
An in-depth study of the process involved in the interventive methods. Consideration given to the individual, the group, and the community. Prerequisite: Sociology 434A.

SOCIAL WORK 460 Field Experience **Six credit hours**
A course designed to assist students in acquiring first-hand knowledge of community agencies through active work experiences in preselected agency settings. SPRING SEMESTER.

CURRICULUM FOR SOCIAL WORK MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190A	3	English 190B	3
Math 131	3	Math 132	3
Speech 131	3	Music 131	3
French or Spanish 131	3	French or Spanish 132	3
Physical Education 121	2	Sociology 131	3
Orientation 111	1	Physical Education (Activity)	1
		Orientation 112	1
	15		17

Sophomore Year

English 231	3	English 232 or 235	3
Rel. 130 or Phil. 131	3	Art 231	3
Biology 140	4	History 132	3
History 131	3	Physical Science 141	4
Social Work 239	3	Political Science 131	3
Physical Education (Activity)	1		
	17		16

Junior Year

*Sociology (Delinquency, Criminal Justice or other)	3	**Math 136	3
*Sociology 438	3	*Sociology 331	3
Social Work 334A	3	Sociology 332	3
Social Work 432	3	Sociology 439	3
Economics 131	3	Social Work 334B	3
	15		15

Senior Year

*Social Work 330	3	*Social Work 332	3
*Social Work 331	3	Social Work 433	3
Social Work 434A	3	Social Work 434B	3
*Psychology 131	3	Social Work 460	6
Elective	3		
	15		15

NOTE: All Social Work Majors are required to take the basic course in each of the following areas: economics, political science, sociology and history. Beginning in the fall of 1980, all students entering the University will be required to take two courses in history.

Highly recommended elective.

***Required for Social Work Majors.*

DIVISION III: EDUCATION AND PSYCHOLOGY

The Division of Education and Psychology includes the following departments: Education, Physical Education and Health, and Psychology.

DEPARTMENT OF EDUCATION

The Department of Education offers majors in early childhood and intermediate education leading to the Bachelor of Arts degree and teacher certification. The Bachelor of Arts degree with teacher certification at the secondary level may be earned in English, mathematics, music, physical education and health, science (biology, chemistry, physics), and social studies. The department also provides courses in art, geography, and special education.

While teacher education at Johnson C. Smith University is viewed as an all-university wide function, the Department of Education assumes major responsibility for coordinating all programs. The Teacher Education Council, comprised of representatives from the various academic disciplines and the Vice President for Academic Affairs, serves in an advisory capacity. All Teacher Education Programs have appropriate approval of the North Carolina State Department of Public Instruction.

REQUIREMENTS FOR ADMISSION TO THE PROGRAM OF TEACHER EDUCATION

A formal application to enter the program of teacher education must be filed with the head of the Department of Education at the beginning of the second semester of the sophomore year. Transfer students entering the University with junior classification must make application during the first semester in residence. Application forms may be secured from the Education Office.

To be admitted to teacher education, the student must meet the following requirements:

1. Completion of at least sixty credit hours with a cumulative grade point average of at least 2.2
2. Demonstration of proficiency in oral and written communication
3. Recommendation of two former professors, one of whom must be in the department of the applicant's major field
4. Possession of a health certificate indicating good mental and physical health
5. Declaration of a major and acceptance in the department of the major
6. Completion of interview by the Teacher Education Screening Committee
7. Endorsement of the Teacher Education Council

Students who plan to teach in the elementary school, grades K-3 or 4-9, should major either in early childhood or in intermediate education. Teacher certification at the secondary school level is available in the following subject areas: English, mathematics, music, health, health and physical education, science (biology, chemistry, physics), and social studies. Students who plan to teach in the secondary school should select majors and minors in these areas. It is highly recommended that students prepare to teach two subjects.

PROFESSIONAL REQUIREMENTS

Professional education courses at the upper level, three hundred (300) level courses and above, are specifically designed to assist prospective teachers in developing selected teaching competencies. These courses are therefore restricted to students who have been officially admitted to Teacher Education and are only available to other students on a limited basis, upon approval of the heads of the department of the major and the Education Department.

Early childhood and intermediate majors are required to take Psychology 235 and 239. Students at the secondary level and in special subject areas must take Psychology 237 and 239.

REQUIRED COURSES IN EDUCATION

Teacher certification at all levels requires the following education courses:

EDUCATION 230 Foundations of Education—SP **Three credit hours**
An examination of the role of the school in society and societal forces that influence education. Includes the sociological and philosophical foundations of education.

232 Introduction to Education **Three credit hours**
A general overview of public education in the United States. It examines the historical background, purposes and concepts basic to understanding education in America. It also seeks to help students explore teacher education as a career option.

EDUCATION 331 Measurement and Evaluation **Three credit hours**
Examines the selection and use of tests and other assessment instruments in the classroom. Stress is placed on the construction and use of teacher-made tests.

Early Childhood Education: For Nursery School Teachers and Grades K-3

EDUCATION 231 Introduction to Early Childhood Education **Three credit hours**
This introductory course is designed to provide an overview of the field of Early Childhood Education. Emphasis will be given to the following areas:

1. Child Growth and Development—A study of varied theories of learning and development with direct implications for understanding the nature of the child, birth through eight years of life.
2. Schools and Programs for Young Children—An analysis of schools and programs for young children on the basis of the degree of structure, theoretical base, philosophy, goals and objectives, history and origin, and the role of the teacher.
3. Curriculum—Development of concepts and skills relating to the scope and importance of each content area of the curriculum for young children. An exploration of the methods, materials, and techniques appropriate for children in pre-school through third grade.

This course requires fifteen hours of observation and participation in programs for young children.

EDUCATION 325 Family, School, and Community **Two credit hours**
This course is designed to help students develop skills in working with parents and to learn techniques of getting the community involved in school activities. Class projects will require student interaction with the community.

EDUCATION 334 Communication Skills and the Young Child **Three credit hours**
A study of ways in which the young child organizes and communicates ideas and feelings through designed learning experiences. A minimum of ten hours of observation and participation with children from infancy through age eight will provide the laboratory experiences accompanying this course.

EDUCATION 336 Science and the Young Child **Three credit hours**
An examination of scientific concepts and phenomena in ways which are consistent with the young child's way of seeing, inquiring, and experimenting with the natural environment. Emphasis on problem solving approaches to discovery.

EDUCATION 337-I Reading and the Young Child **Three credit hours**

The first of two courses designed to prepare teachers to teach reading in the elementary school. Emphasis on prereading and early reading experiences which lead ultimately to skill in reading. Twenty hours of laboratory experience required.

EDUCATION 337-II Reading in the Elementary School **Three credit hours**

The second of two courses designed to prepare teachers to teach reading in the elementary school. Emphasis is placed on increased knowledge of the reading process and effective use of methods, techniques and materials in reading instruction. Formally Education 335. (Education 337-I is a prerequisite). Twenty hours of laboratory experiences required.

EDUCATION 398 Literature for the Young Child **Three credit hours**

Wide exploration and study of picture-story books, including Caldecott and Newberry awards, storytelling as an art, puppets for expression, use of films, filmstrips, and other media with a primary focus on uses within early education programs.

EDUCATION 431 Senior Seminar for Student Teachers in Early Childhood and Intermediate Education **Three credit hours**

This seminar is a forum for discussion and interpretation of student problems, concerns, and accomplishments. The course also provides the student with an opportunity to assess, acquire, and strengthen the understandings and competencies required of teachers in Early Childhood and Intermediate Education. This course is taught concurrently with Student Teaching (Ed. 490X, 491X).

EDUCATION 490X Student Teaching in Early Childhood Education **Nine credit hours**

Students are placed in cooperating schools in a kindergarten or primary classroom for one semester. Activities include directed observation, guided participation, and fulltime classroom teaching.

CURRICULUM FOR EARLY CHILDHOOD EDUCATION MAJORS

(Sequence of Required General Education, Professional and Specialty Courses)

Freshman Year

First Semester	Credit Hours	Second Semester	Credit Hours
English 190A	3	English 190B	3
Math 131	3	Math 132	3
Rel 130 or Phil 131	3	Biology 140	4
History 131	3	History 132	3
Physical Ed. 121	2	Physical Ed. 115	1
Physical Ed. (Activity)	1	Speech 131	3
Orientation 111	1	Orientation 112	1
	16		18

Sophomore Year

English 231	3	English 232	3
French or Spanish 131	3	Sociology 131	3
Physical Science 141	4	Art 231	3
Pol Science, Psy., or		French or Spanish 132	3
Econ. 131	3	Psy 235	3
Education 232	3	Ed. 231	3
	16		18

Apply for admission to Teacher Education the second semester of the sophomore year.

Junior Year

Music 131	3	Ed. 331	3
Psy. 239	3	Ed. 398	3
Art 230	3	Ed. 334	3
Math 337	3	Ed. 336	3
Ed. 230	3	Ed. 337 II	3
Ed. 337 I	3		
	18		15

Apply for admission to student teaching during the sixth or seventh semester.

Senior Year

Health 334	3	Ed. 431	3
Music 339	3	Ed. 490X	9
Ed. 325	2		
Ed. 339	3		
Ed. 133	3		
Elective (optional)	3		
	14-17		12

A grade of "C" or better is required in each course submitted for fulfillment of the Early Childhood Education Major except general education courses in Foreign Language, Religion, Philosophy, and Physical Education. The student must have an overall average of 2.2.

Intermediate Education: For Teachers of Grades 4-9

EDUCATION 332 Children's Literature **Three credit hours**
Study of the types of literature available and suitable for primary and intermediate grades. Required only of elementary education majors.

EDUCATION 333 Teaching Science in the Elementary School **Three credit hours**
Emphasis on the principles, practices, and procedures of the teaching of science in the elementary school.

EDUCATION 337-I Reading and the Young Child **Three credit hours**
(See description under Early Childhood Education.)

EDUCATION 337-II Reading in the Elementary School **Three credit hours**
(See description under Early Childhood Education.)

EDUCATION 339 The Elementary School **Three credit hours**

Special attention to the philosophy, aims, principles, and practices of education as they relate to the elementary school. Required of all candidates for either the early childhood or the intermediate education teacher's certificate. Prerequisite: Education 232.

EDUCATION 390 Language Materials and Methods **Three credit hours**

Guidance of learning activities in the development of language. An analysis of ways of helping children to grow in reading, writing, speaking, and listening efficiency.

EDUCATION 391 Teaching the Social Studies in the Elementary School **Three credit hours**

A course designed to help elementary teachers to develop a social studies program. Includes methods, materials, and techniques which seem to be most effective in all of the elementary school grades.

EDUCATION 431 Senior Seminar For Early Childhood and Intermediate Majors **Three credit hours**

(See description under Early Childhood Education)

EDUCATION 491X Student Teaching in the Elementary School Nine credit hours

A course requiring students to be placed in cooperating public elementary schools for the practical study of teachers' problems in a laboratory setting. Includes directed observation, guided participation, and full-time classroom teaching. Open only to seniors who are regularly enrolled in the University and who have completed courses designated in the catalog as prerequisites of student teaching.

Students preparing to teach in the intermediate grades are required to complete a concentration in one of the following areas:

Areas of Study	Credit Hours Required
English	24
Social Studies	24
Science	18
Mathematics	18

Students are encouraged to consider a second concentration in either one of the following areas: Music, Art, Physical Education, Health. The advisor should be consulted in choosing an area of concentration and in selecting courses to complete the hours required.

CURRICULUM FOR INTERMEDIATE MAJORS

Freshman Year

First Semester	Credit Hours	Second Semester	Credit Hours
English 190A	3	Eng. 190B	3
Math 131	3	Math 132	3
Rel. 130 or Phil. 131	3	Biol. 140	4
Hist. 131	3	History 132	3
P.E. 121	2	P.E. 115	1
P.E. (Activity)	1	Orientation 112	1
Orientation 111	1		
	16		15

Sophomore Year

Eng. 231	3	Eng. 232 or 235	3
Art 230	3	Psy. 235	3
French or Span. 131	3	Art 231	3
Educ. 232	3	Fren. or Span. 132	3
Music 131	3	Speech 131	3
Econ. 131 or Soc. 131 or Psy. 131	3	Educ. 230	3
	18		18

Apply for admission to Teacher Education during the second semester of the sophomore year.

Junior Year

Psy. 239	3	Math 338	3
Educ. 337-I	3	Educ. 337-II	3
Educ. 390	3	Educ. 391	3
Phy. Sci. 141	4	Educ. 332	3
Phy. Ed. 222	2	Educ. 333	3
Educ. 331	3	Concentration	3
	18		18

Apply for student teaching during the sixth or seventh semester.

Senior Year

Educ. 133	3	Educ. 491X	9
Educ. 339	3	Educ. 431	3
P.E. 334	3		
Concentration	3		
Concentration	3		
Concentration	3		
	18		12

Secondary Education: For Teachers of Grades 7-12

EDUCATION 393 Reading in the Secondary School **Three credit hours**

A course designed to help students who are pursuing teaching careers to recognize and to deal with various reading problems encountered in the secondary school. Emphasis on reading skills that secondary pupils must master and the teaching techniques that the instructor may utilize to develop these skills.

EDUCATION 395 The Secondary School **Three credit hours**

A survey course concerned with the purposes, clientele, organization, administration, teaching methodology, and viable problems of the contemporary American secondary schools. Offers prestudent teaching observation experiences in a public school setting. Public school pupil register clinic: ancillary component of the course. Required of all secondary education majors.

EDUCATION 432 Seminar: Curriculum and Instructional Planning **Three credit hours**

A seminar on curriculum and instructional planning. Students work in areas and on problems of interest to them. Learning activities include wide use of instructional models, demonstrations, simulations and role playing.

EDUCATION 492X Student Teaching in the Secondary School Nine credit hours
A course requiring students to be placed in cooperating public secondary schools for the study of teachers' problems in a laboratory setting. Includes directed observation, guided participation, and full-time classroom teaching. Open only to seniors who are regularly enrolled in the University and who have completed all other course requirements.

SEQUENCE OF REQUIRED PROFESSOINAL EDUCATION AND SUPPORTIVE COURSES FOR SECONDARY MAJORS

Freshman Year

First Semester	Credit Hours	Second Semester	Credit Hours
General Education and Electives	15	General Education and Electives	15
	15		15

Sophomore Year

General Education, Major, and Electives	13	General Education, Major, and Electives	14
Physical Education 226	2	Education 230	3
Education 232	3		
	18		17

Apply for admission to Teacher Education the second semester of the sophomore year.

Junior Year

Major and Electives	12	Major and Electives	9
Education 331	3	Education 395	3
Psychology 237	3	Psychology 239	3
		*Education 393	3
	18		18

Apply for admission to Student Teaching during the sixth or seventh semester.

Senior Year

Major and Electives	15	Education 432	3
Methods in the area of Specializaton	2-3	Education 492X	9
	17-18		12

Education 393 must be taken during the junior year. Any exception must be approved by the Head of the Education Department.

**The Student Teaching Semester will be the second semester of the senior year for most students. Students will be able to take only those courses listed, which constitute a full load.*

ELECTIVE COURSES IN EDUCATION

EDUCATION 224 Educating the Young Disadvantaged Child Two credit hours
A study of current approaches to early education programs for children from disadvantaged families, as well as a study of available research, including Head Start, Title I, Follow Through, Federal Interagency Day Care Projects, etc.

EDUCATION 235 Educational Communications Technology Three credit hours
A study of the utilization of educational technology and media in the classroom and in industry. Special emphasis on the actual operation of the 8mm and 16mm motion picture cameras, etc. Instruction relative to the construction of teaching aids such as transparencies, laminations, photocopies, mimeograph and spirit duplicator stencils, graphic materials, etc. Strongly recommended for all students who are enrolled in teacher education. (Formerly Audio-visual Materials and Methods.)

EDUCATION 236 Developmental Reading Three credit hours
A course which involves comprehension techniques and mechanics of reading, word attack, study skills, and independent reading.

EDUCATION 410, 420 Independent Study One to three credit hours
A planned and structured research project jointly defined by student and faculty. Number of credit hours contingent upon scope of work to be completed. May be taken for credit in early childhood, intermediate, or secondary education.

SPECIAL EDUCATION

Special education refers to the training given students who are exceptional in various ways: the learning disabled, the mentally retarded, the culturally different, the emotionally disturbed, the gifted, and the talented. This "special" education for mildly handicapped children will increasingly be provided in the regular classroom. Johnson C. Smith students who take elective courses in special education will be prepared to teach all children in the regular classroom.

EDUCATION 133 Introduction to Exceptional Children Three credit hours
A course concerned with the characteristics and problems of exceptional children, including the learning disabled, the mentally retarded, the emotionally disturbed, and the gifted and talented.

EDUCATION 264 Practicum in Critical Observation in Special Education Six credit hours
A sophomore practicum in critical observation for prospective teachers in which students spend five additional hours a week serving as a teacher's assistant and attend a weekly planned seminar.

EDUCATION 296 Psychology of the Exceptional Three credit hours
An examination of psychological approaches to understanding a variety of handicapping and facilitating deviations from the usual. Emphasis on applications to educational settings. (Same as Psychology 230.)

EDUCATION 399 Multidisciplinary Survey of Special Education Three credit hours
A study of cultural, social, intellectual, and educational problems and issues in special education. Includes behavior modification, counseling and guidance, civil rights, cultural differences, diagnosis and assessment, inquiry and research, and teacher attitudes.

EDUCATION 465 Individualizing Curriculum for Special Education **Six credit hours**

Interpretation, design, development, and implementation of curriculum used in special education. Involves student teaching under supervision.

EDUCATION 496 Multidisciplinary Transcategorical Seminar Three credit hours

A course concerned with transcategorical issues in special education: therapy, classroom management, counseling, evaluation, prescriptive teaching, and mainstreaming.

GEOGRAPHY COURSE

GEOGRAPHY 130 Introduction to Geography **Three credit hours**

A study of the basic cultural and physical elements of geography. Emphasis on climate, soils, natural vegetation, population distribution, and general land use.

PROFESSIONAL LABORATORY EXPERIENCES

Professional laboratory experiences constitute an essential part of the preparation of teachers. These experiences include all of a student's direct school and community relationships which are designed to contribute to the understandings and competencies needed to perform and function as a classroom teacher. These experiences include a planned program of observation with varying degrees of participation as early as possible in the program. Examples of essential participatory activities are, observer, school service aide, instructional aide, tutor, monitor, and suitable roles in state and community service agencies.

Professional Laboratory Experiences prior to student teaching are categorized as pre-student teaching experiences. Students in Early Childhood and Intermediate Education are required to complete a minimum of 110 non credit clock hours in pre-student teaching experiences. Forty-five non credit clock hours are required of Secondary Education Majors.

The Education Department operates the Mary Irwin Belk Early Childhood Center as a demonstration program for the care and education of young children between the ages of 2 and 5. The Center provides many and varied opportunities for students to observe young children and to learn about modern materials and teaching methods through practical experiences.

STUDENT TEACHING

All Teacher Education Majors are required to satisfactorily complete one full semester of student teaching. The student teaching semester occurs in the senior year and is devoted entirely to study in professional education and to student teaching. No student accepted for enrollment in student teaching is permitted to register for any courses other than those which accompany student teaching.

Students who wish to do student teaching during the senior year must file an application for student teaching with the Education Department at the beginning of the semester prior to the one in which student teaching is to begin. Application must be filed by January 20 for the FALL SEMESTER and by September 20 for the SPRING SEMESTER.

ADMISSION TO STUDENT TEACHING

The following requirements must be met prior to student teaching:

1. A cumulative grade point average of 2.2 or better
2. A grade of C or better in required courses in education, psychology, and those courses offered in fulfillment of the student's major
3. A grade of C or better in each course offered in fulfillment of general education requirements in English, social studies, mathematics and science
4. Demonstrated proficiency in oral and written communication
5. Completion of all course (education, general education, major) requirements for graduation except those education courses taught concurrently with student teaching
6. Approval of the Teacher Education Council, the Education Department and the department of the student's major
7. Official admittance into the Teacher Education Program at least one full semester prior to the semester in which student teaching is to occur and must maintain continuous membership in the program
8. Possession of a health certificate indicating good mental and physical health
9. Completion, at the satisfactory level, of the pre-student teaching required hours of professional laboratory experiences.

Students will be notified by mail of the action taken on their application and of the semester in which they will do student teaching. It is expected that students will devote full time to student teaching.

TEACHER CERTIFICATION

To qualify for a regular Class A Teaching Certificate in North Carolina, a candidate must have completed an approved teacher education program and earned satisfactory scores on the National Teacher Examinations, the Common and an appropriate teaching area. The approved program requirements are met by the successful completion of any of the teacher education programs offered by Johnson C. Smith University.

The requirements for teacher certification may be summarized as:

1. Completion of requirements for a degree
2. Completion of an approved teacher education program
3. Credit for successful student teaching in the area of specialization
4. Recommendation of the Education Department, the Teacher Education Council and the department of the major
5. Satisfactory scores on the National Teacher Examinations

Students interested in obtaining teacher certification in states other than North Carolina will need to plan their program to meet the specific requirements of the given state.

DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION

A student majoring in the area of Health and Physical Education must complete in (Option A) Health Education thirty-seven (37) semester hours, or (Option B) Physical Education forty-two (42) semester hours, or (Option C) a combination of Health and Physical Education sixty-three (63) semester hours.

Each student majoring in these areas must complete Biology 140, Biology 146, and Biology 240. The student must earn an average of "C" in physical education, and a "C" in each course in health education for all required biology courses taken in his/her major.

Students should consult listing for required courses in Option A, Option B, or Option C.

Students wishing to receive a minor concentration in the area of Health and/Physical Education must consult with the department.

All students concentrating in the area are required to purchase and wear the major uniform prescribed by the department. The department recommends and urges all students concentrating in the area to hold active membership in the American Alliance for Health, Physical Education, Recreation, and Dance. Majors are required to hold membership in the majors club upon entry.

Students in other departments may satisfy the general requirement by enrolling in PE 121 and any two courses from PE 010 through PE 119, except 026-027 (not general requirement electives).

PE 119-I&II is an adaptive course offered only to students with handicapping conditions. Only students with temporary or permanent handicaps are allowed to enroll in this course.

It must be noted that students from other departments taking an activity course must wear the prescribed uniform.

PHYSICAL EDUCATION SERVICE PROGRAM OFFERINGS

PHYSICAL EDUCATION	010	Beginner Tennis	1
PHYSICAL EDUCATION	011	Beginner Golf	1
PHYSICAL EDUCATION	110	Basic Swimming	1
PHYSICAL EDUCATION	111	Advanced Beg. Swim.	1
PHYSICAL EDUCATION	112	Intermediate Swimming	1
PHYSICAL EDUCATION	114	Recreational Games	1
PHYSICAL EDUCATION	115	Rhythm and Dance Activities	1
PHYSICAL EDUCATION	116	Team Sports	1
PHYSICAL EDUCATION	117	Physical Fitness	1
PHYSICAL EDUCATION	118	Self-testing Activities	1
PHYSICAL EDUCATION	119-I	Adapted Physical Education	1
PHYSICAL EDUCATION	119-II	Adapted Physical Education	1
PHYSICAL EDUCATION	120	Introduction to Recreation	2

PROFESSIONAL HEALTH AND PHYSICAL EDUCATION COURSE OFFERINGS

PROFESSIONAL PHYSICAL EDUCATION OFFERINGS

PHYSICAL EDUCATION	026-027	Sports Officiating I & II	2
PHYSICAL EDUCATION	215	Advanced Lifesaving	1
PHYSICAL EDUCATION	222	Physical Education in Elementary School	2
PHYSICAL EDUCATION	224	Dual and Single Games	2
PHYSICAL EDUCATION	228	Basic Swimming Instructor	1
PHYSICAL EDUCATION & HEALTH	228	Introduction to Health, Physical Education and Recreation	2
PHYSICAL EDUCATION & HEALTH	229	Skill and Techniques	2
PHYSICAL EDUCATION	323-324	Methods and Materials in Team Sports	4
PHYSICAL EDUCATION	325	Gymnastics and Stunts	2
PHYSICAL EDUCATION	327	Special Physical Education	2
PHYSICAL EDUCATION	329	Rhythms and Dance	2
PHYSICAL EDUCATION	330	Athletic Injuries and Safety	3
PHYSICAL EDUCATION & HEALTH EDUCATION	331	Organization and Administration of Physical Education and Health	3
PHYSICAL EDUCATION	333	Anatomy and Kinesiology	3
PHYSICAL EDUCATION	336	Principles of Physical Education	3
PHYSICAL EDUCATION	422	Materials and Methods in Teaching Physical Education	2
PHYSICAL EDUCATION & HEALTH	433	Major Practicum	3

PROFESSIONAL HEALTH COURSE OFFERINGS

HEALTH EDUCATION	226	Community Health	2
PHYSICAL EDUCATION & HEALTH EDUCATION	228	Introduction to Health, Physical Education and Recreation	2
PHYSICAL EDUCATION & HEALTH EDUCATION	229	Skills and Techniques	2
HEALTH EDUCATION	335	School Health Problems	3
HEALTH EDUCATION	434	Methods and Materials in Teaching Health Education	3
HEALTH EDUCATION	230	Healthful Living	3
HEALTH EDUCATION	231	Human Sexuality	3
HEALTH EDUCATION	232	Drug, Alcohol and Tobacco Abuse	3
HEALTH EDUCATION	235	Health and Nutrition	3
HEALTH EDUCATION & PHYSICAL EDUCATION	331	Organization and Administration of Physical Education & Health	3
HEALTH EDUCATION	334	Principles, Procedures and Practices in Health Education	3
HEALTH EDUCATION	320	First Aid Emergency Care	2
HEALTH EDUCATION	321	Cardiopulmonary Resuscitation	2
HEALTH EDUCATION	433	Major Practicum	3

SCIENCE COURSES REQUIRED FOR ALL CONCENTRATIONS IN HEALTH, PHYSICAL EDUCATION

BIOLOGY	140	Introductory Biology	4
BIOLOGY	146	Molecular Biology	4
BIOLOGY	240	Human Anatomy and Physiology	4

GENERAL EDUCATION REQUIREMENTS

ENGLISH COMPOSITION		English 190 A & B	6
WORLD LITERATURE		English 231-232	6
PHILOSOPHY/RELIGION			3
FINE ARTS			9
SOCIAL SCIENCE			12
MATHEMATICS			6-7
BIOLOGY	140	Introductory Biology	4
PHYSICAL SCIENCE	141		4
PHYSICAL EDUCATION & HEALTH EDUCATION	228* &229*	Intro. HPER Skills and Techniques	2 2
HEALTH EDUCATION	121	Personal Hygiene	2
PHYSICAL EDUCATION	010-119**	Activity	2

**Will satisfy Activity requirement for majors in PE & HE*

***(Except 026-027)*

PROFESSIONAL EDUCATION COURSE REQUIREMENTS DESCRIPTION

PE 010 Beginner Tennis **One credit hour**
This is an activity course designed to teach basic tennis skills.

PE 011 Beginner Golf **One credit hour**
This is an activity course designed to teach basic golf skills.

PE 110 Basic Swimming **One credit hour**
This is a swimming course that is designed to train students up to advanced beginner level. Prerequisites: None.

PE 111 Advanced Beginners **One credit hour**
This is a swimming course designed to train students with basic swimming skills. Prerequisite: Ability to pass PE 110.

PE 112 Intermediate Swimming **One credit hour**
This course is designed to provide the student with the opportunity to develop a high level of proficiency in the American Crawl, Back Crawl, Elem. Backstroke, etc. Prerequisite: Pass PE 111. SPRING SEMESTER.

PHYSICAL EDUCATION 114 Recreational Games **One credit hour**
This is a course in bowling, shuffleboard, handball, badminton, tennis, paddle tennis, golf, and archery. Activities offered based upon semester.

PHYSICAL EDUCATION 115 Rhythm and Dance Activities **One credit hour**
This is a course consisting of a variety of rhythm and dance activities: folk, square, social, etc.

PHYSICAL EDUCATION 116 Team Sports **One credit hour**
This is a course in team sports: field hockey, basketball, volleyball, flag football, softball, soccer. Activities offered based upon semester.

PHYSICAL EDUCATION 117 Physical Fitness **One credit hour**
This is a course in physical fitness: exercises, weight training, and combination acts.

PHYSICAL EDUCATION 118 Self-testing Activities **One credit hour**
This is a course in self-testing activities: elementary gymnastics, stunts, and tumbling.

PHYSICAL EDUCATION 119-I & 119-II Adapted Physical Education **One credit hour**
This is a course designed for those with handicapping conditions. A student wishing to enroll in this course must have a doctor's excuse before being allowed to enter.

PHYSICAL EDUCATION 120 Introduction to Recreation **Two credit hours**
An elective course designed to acquaint students with contemporary trends in recreation, administration, supervision, facilities, and other areas of public and private recreation. A general historical background is included.

PHYSICAL EDUCATION 026 Sports Officiating I **Two credit hours**
A course designed to provide the student with the knowledge, skill and mechanics essential to athletic sports officiating in football, basketball and volleyball.

PHYSICAL EDUCATION 027 Sports Officiating II **Two credit hours**

Same as PE 026 except that the sports are swimming, baseball/softball, tennis, track and field.

PHYSICAL EDUCATION AND HEALTH EDUCATION 228
Introduction to Health, Physical Education and Recreation **One credit hour**

This course is the first course for students majoring in health, physical education and recreation. It is an overview of the field and involves information concerning career opportunities and professional growth. The student identifies his/her specific area of interest.

PHYSICAL EDUCATION AND HEALTH EDUCATION 229
Skills and Techniques **One credit hour**

This course provides opportunities for the professional student to develop competency in performing physical education skills from HPE 228.

PHYSICAL EDUCATION 215 Advanced Lifesaving **One credit hour**

A course designed to provide the student with skills and knowledge essential to qualify for American National Red Cross certification.

PHYSICAL EDUCATION 222 Physical Education in the Elementary School **Two credit hours**

A semester course designed to provide students with knowledge and practical experiences that will help them teach effectively physical education to elementary school children.

PHYSICAL EDUCATION 224 Dual and Single Games **Two credit hours**

Presentation to teaching methods of activities in which one or two persons may participate.

PHYSICAL EDUCATION 228 Water Safety Instruction **Two credit hours**

This course provides the student with the opportunity to develop the knowledge and skills essential for teaching Beginner and Advanced Beginner levels of swimming. Also the individual would be certified to teach Basic Water Safety and Rescue. Prerequisites: Ability to pass the Advanced Beginners level and lifesaving.

PHYSICAL EDUCATION 323-324 Methods and Materials in Teaching Team Sports

This course is designed to provide the student with the opportunity to develop competencies in the utilization of methods and techniques of teaching team type activities, and use of teaching materials.

PHYSICAL EDUCATION 325 Gymnastics and Stunts **Two credit hours**

A course consisting of the fundamentals of gymnastics and stunts. Techniques of teaching gymnastics and stunts is a concern in this course.

PHYSICAL EDUCATION 327 Special Physical Education **Two credit hours**

A course designed to provide the professional student with the philosophy, knowledge, and methods of teaching physical education to the exceptional or handicapped individual.

PHYSICAL EDUCATION 329 Rhythm and Dance **Two credit hours**

This is a course that deals with the fundamentals of rhythm and dance activities and methods and techniques of teaching.

PHYSICAL EDUCATION 330 Athletic Injuries and Safety Three credit hours
This course deals with the care prevention and treatment of athletic injuries and safety in sports.

HEALTH AND
PHYSICAL EDUCATION 331 Organization and Administration of Health, Physical Education Three credit hours
This course provides the student with the opportunity to develop the knowledge and competencies essential to organizing and administering Health and Physical Education Programs.

PHYSICAL EDUCATION 333 Anatomy and Kinesiology Three credit hours
This course reinforces student knowledge of anatomy and provides the student with the opportunity to develop the competencies essential to analyzing physical activity performance.

PHYSICAL EDUCATION 336 Principles of Physical Education Three credit hours
Lecture course dealing with the underlying principles and meaning of physical education.

PHYSICAL EDUCATION 422 Methods and Material in Teaching Physical Education Two credit hours
A study of effective methods of teaching physical education and effective use of materials.

PHYSICAL EDUCATION 433 Major Practicum Three credit hours
This is primarily a laboratory course in which the students actually practice the utilization of methods, techniques and the use of materials under the direct supervision of staff.

HEALTH EDUCATION 226 Community Health Two credit hours
A study of the health aspects of the community such as sanitation, pollution, disease and others as they have implications for society.

HEALTH EDUCATION 230 Healthful Living Three credit hours
This course is designed to provide the student with the knowledge and techniques of health as it affects personal, professional and family living. Health careers is also an aspect of this course.

HEALTH EDUCATION 231 Human Sexuality Three credit hours
This course deals with the concepts concerning sexuality and its implications for self, school and society.

HEALTH EDUCATION 232 Drugs, Alcohol and Tobacco Abuse Three credit hours
This course is concerned with the aspects of the use and abuse of drugs, alcohol and tobacco.

HEALTH EDUCATION 235 Health and Nutrition Three credit hours
This course deals with nutritional needs of the human body and its implications for healthful living.

HEALTH EDUCATION 320 First Aid: Emergency Care Two credit hours
This course is designed to aid the student in developing the knowledge and competencies essential to emergency care through use of Red Cross first aid skills and techniques. Successful completion of this course carries Red Cross Certification as a First Aid Instructor.

HEALTH EDUCATION 321 Cardiopulmonary Resuscitation: Emergency **Two credit hours**

This course is designed to aid the student in developing the knowledge and competencies essential to emergency care of cardiac arrest victims. Successful completion of this course carries Red Cross Certification as a CPR Instructor.

HEALTH EDUCATION 334 Principles, Procedures and Practices in Health **Three credit hours**

The study of health education procedures to improve health learning and teaching in the school setting.

HEALTH EDUCATION 335 School Health Problems **Three credit hours**

A study of the school health program, its values, and its problems in developing health education in the secondary school.

HEALTH EDUCATION 433 Major Practice **Three credit hours**

This is primarily a laboratory course in which the student actually practices the utilization of methods, techniques and the use of materials under the direct supervision of staff.

HEALTH EDUCATION 434 Methods and Materials in Teaching Health Education **Three credit hours**

A course designed to provide the student with the opportunity to develop knowledge and competencies in the use of effective methods of teaching health education and effective use of resources.

OPTION A COURSE REQUIREMENTS FOR HEALTH EDUCATION CERTIFICATION 37

HEALTH & P.E.	228*	Introduction to Health, Physical Education and Recreation	2
HEALTH & P.E.	229*	Skill and Techniques	2
HEALTH EDUCATION	230	Healthful Living	3
HEALTH EDUCATION	335	School Health Problems	3
HEALTH EDUCATION	226	Community Health	2
HEALTH EDUCATION	231	Human Sexuality	3
HEALTH EDUCATION	232	Drug, Alcohol and Tobacco Abuse	3
HEALTH EDUCATION	434	Methods and Materials of Teaching Health Education	3
HEALTH EDUCATION	334	Principles, Procedures and Practices in Health Education	3
HEALTH EDUCATION	235	Health and Nutrition	3
HEALTH EDUCATION	320	First Aid Emergency Care	2
HEALTH EDUCATION	433	Major Practicum	3
HEATLH EDUCATION	321	Cardiopulmonary Resuscitation	2
HEALTH EDUCATION	331	Organization and Administration	3

OPTION B PHYSICAL EDUCATION REQUIREMENTS FOR CERTIFICATION 42

PHYSICAL EDUCATION AND HEALTH EDUCATION	228*	Introduction to Health, Physical Education and Recreation	2
PHYSICAL EDUCATION AND HEALTH EDUCATION	229*	Skills and Techniques	2
PHYSICAL EDUCATION	215	Advanced Lifesaving	1
PHYSICAL EDUCATION	222	Physical Education in the Elementary School	2
PHYSICAL EDUCATION	224	Dual and Single Games	2
PHYSICAL EDUCATION	323-324	Methods and Materials in Team Sports	4
PHYSICAL EDUCATION	325	Gymnastics and Stunts	2
PHYSICAL EDUCATION	327	Special Physical Education	2
PHYSICAL EDUCATION	329	Rhythms and Dance	2
PHYSICAL EDUCATION	330	Athletic Injuries and Safety	3
PHYSICAL EDUCATION & HEALTH EDUCATION	331	Organization and Administration of Physical Education & Health	3
PHYSICAL EDUCATION	333	Anatomy and Kinesiology	3
PHYSICAL EDUCATION	336	Principles of Physical Education	3
PHYSICAL EDUCATION	422	Materials and Methods in Teaching Physical Education	2
HEALTH EDUCATION	226	Community Health	2
HEALTH EDUCATION	335	School Health Problems	3
HEALTH EDUCATION	434	Materials and Methods in Teaching Health Education	3
PHYSICAL EDUCATION	433	Major Practicum	3

Also satisfies General Education Requirements for Majors and Minors only.

OPTION C COURSE REQUIREMENTS FOR HEALTH AND PHYSICAL EDUCATION CERTIFICATION 63

PHYSICAL EDUCATION & HEALTH EDUCATION	228	Introduction to Health, Physical Education
PHYSICAL EDUCATION AND HEALTH EDUCATION	229	Skills and Techniques 2
PHYSICAL EDUCATION	215	Advanced Lifesaving 1
PHYSICAL EDUCATION	222	Physical Education in the Elementary School 2
PHYSICAL EDUCATION	224	Dual and Single Games 2
PHYSICAL EDUCATION	323	Methods and Materials in Team Sports 2
PHYSICAL EDUCATION	324	Methods and Materials in Team Sports 2
PHYSICAL EDUCATION	325	Gymnastics and Stunts 2
PHYSICAL EDUCATION	327	Special Physical Education 2
PHYSICAL EDUCATION	329	Rhythms and Dance 2
PHYSICAL EDUCATION	330	Athletic Injuries and Safety 3
PHYSICAL EDUCATION AND HEALTH EDUCATION	331	Organization and Administration of Physical Education & Health 3
PHYSICAL EDUCATION	333	Anatomy and Kinesiology 3
PHYSICAL EDUCATION	336	Principles of Physical Education 3
PHYSICAL EDUCATION	422	Materials and Method in Teaching Physical Education 2
HEALTH EDUCATION	226	Community Health 2
HEALTH EDUCATION	230	Healthful Living 3
HEALTH EDUCATION	231	Human Sexuality 3
HEALTH EDUCATION	232	Drug, Alcohol and Tobacco Abuse 3
HEALTH EDUCATION	235	Health and Nutrition 3
HEALTH EDUCATION	334	Principles, Procedures and Practices in Health Education 3
HEALTH EDUCATION	335	School Health Problems 3
HEALTH EDUCATION	434	Methods and Materials of Teaching Health Education 3
H/PE	433	Major Practicum 3
HEALTH EDUCATION	320	First Aid-Emergency Care 2
HEALTH EDUCATION	321	Cardiopulmonary Resuscitation 2

CURRICULUM FOR HEALTH EDUCATION— TEACHER EDUCATION MAJOR (BACHELOR OF SCIENCE DEGREE)

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190A	3	English 190B	3
Philosophy 131		Speech 131	3
(or Religion 130)	3	Psych. 131	3
Social Science	3	Math 132	3
Math 131	3	Biology 146	4
Biology 140	4	Orientation 112	1
Orientation 111	1		
	17		17

Sophomore Year

English 231	3	English 232	3
Music 131	3	Art 231	3
History 131	3	History 132	3
HE & PE 226	2	HE & PE 229	2
HE & PE 228	2	Physical Science 141	4
Biology 240	4	HE 320	2
	17		17

Junior Year

French or Spanish 131	3	French or Spanish 132	3
HE 334	3	HE 235	3
HE 335	3	HE & PE 331	3
HE 230	2	HE 433	3
Education 121	2	PE 121	2
Education 322	2	Education 230	3
	15		17

Senior Year

HE 321	2	Education 393	3
HE 434	3	Education 395	3
HE 231	3	Education 432	3
Education 237	3	Education 462	6
Education 239	3		
HE 232	3		
	17		15

Placement

Health Education majors satisfy the semester hours in activity courses of the general requirements by taking 228 and 229, introduction to HPER and skills and techniques. This only applies to those who have declared a major in Health and/or Physical Education, and maintain their status in the department until graduation.

CURRICULUM FOR PHYSICAL EDUCATION— TEACHER EDUCATION MAJOR (BACHELOR OF SCIENCE DEGREE)

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190	3	English 190	3
Philosophy 131		Speech 131	3
(or Religion 130)	3	Psych 131	3
PE 121	2	Math 132	3
Math 131	3	Biology 146	4
Biology 140	4	Orientation 112	1
Orientation	1		
	16		17

Sophomore Year

English 231	3	English 232	3
Music 131	3	Art 231	3
History 131	3	History 132	4
Biology 240	4	Physical Science 141	4
PE & HE 228	2	PE & HE 229	2
PE 222	2	PE 224	2
	17		17

Junior Year

French or Spanish 131	3	French or Spanish 131	3
Education 121	2	Education 230	3
PE 226	2	PE 324	2
PE 323	2	PE 329	2
PE & HE 434	3	PE 330	3
PE 333	3	PE 331	3
PE 422	2	PE 325	2
	17		18

Senior Year

Education 237	3	Education 393	3
Education 239	3	Education 395	3
PE 327	2	Education 432	3
PE 335	3	Education 462	6
PE 422	2	Social Science	3
PE 336	3		
Education 322	2		
	18		18

Placement

A student majoring in Physical Education must take PE and HE 228 and 229, which will substitute for the 2 hours of activity in the general requirement. This only applies to those who have declared a Physical Education major and maintain their status in the department until graduation.

The 110 to 119 courses are electives for Physical Education majors as well as the general student body.

CURRICULUM FOR HEALTH AND PHYSICAL EDUCATION— TEACHER EDUCATION MAJOR (BACHELOR OF SCIENCE DEGREE)

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190	3	English 190	3
Philosophy 131		Psychology 131	3
(or Religion 130)	3	Biology 146	4
Art 231	3	Math 132	3
Biology 140	4	Education 121	2
Math 131	3	Orientation 112	1
Orientation 111	1	HE & PE & R 228	2
	17		18

Sophomore Year

English 231	3	English 239	3
HE 320	2	History 131	3
Social Science	3	Education 237	3
Biology 240	4	Music 131	3
HE & PE 229	2	PE 222	2
HE 230	3	HE & PE 226	2
		HE 225	2
	17		18

Junior Year

PE 325	2	French or Spanish 131	3
PE 323	2	PE 324	2
French or Spanish 131	3	HE & PE 335	3
History 132	3	Education 237	3
PE & HE 331	3	PE 333	3
PE 330	3	PE 121	2
PE 327	2	PE 224	2
	18		18

Senior Year

PE 329	2	HE 231	3
HE 321	2	PE 422	2
PE 336	3	Education 432	3
Education 230	3	HE 433	3
ED 322	2	HE 434	3
HE 334	3	Speech 131	3
HE 232	3		
	18		17
Education 462	6		
Education 393	3		
	9		

DEPARTMENT OF PSYCHOLOGY

The Department of Psychology seeks to provide its students with those curricular experiences which will enable them to

a. be accepted in and to complete graduate level psychology programs
b. develop skills and strategies which stengthen their performance in concentrations pursued in other disciplines
c. develop psychologically and emotionally, thus enhancing their chances for satisfying daily living.

Psychology 131 or its equivalent is a prerequisite to all other courses in psychology and is credited towards the major and minor requirements. A major in psychology consists of thirty (30) credit hours which, in addition to Psychology 131, must include Psychology 132, 233, 333, and two of the following "cafeteria" courses: Psychology 234, 330, 332, 338, 339 and 435. The remaining credits will consist of free electives. A minor in psychology consists of eighteen (18) credit hours which, in addition to Psychology 131, must include Psychology 132 and two of the following courses: Psychology 233 (prerequisite Mathematics 136), 330, 332, 333 (prerequisite 233), 338 and 435. Electives make up the remaining credits.

Students planning to major in psychology may take in the freshman year Psychology 131, 132 and in some cases Mathematics 136. Mathematics 136 is a prerequisite of Psychology 233, a major requirement. Whether or not students are eligible to take Mathematics 136 during their freshman year will depend upon their performance on the mathematics placement test given upon entrance to the University.

An additional requirement for majors is completion of one of the following:

a. a second year of foreign language (a general education requirement mandates the first year)

or

b. Computer Science 131 and 132

or

c. Psychology 234 and 334.

The student may choose to pursue either of these three options.

PSYCHOLOGY 131 General Psychology I **Three credit hours**

A course designed to provide an understanding of behavior through the study of growth and development, motivation, emotion, learning, personality, intelligence, and other related topics. FALL and SPRING SEMESTERS.

PSYCHOLOGY 132 General Psychology II **Three credit hours**

A more intensive and rigorous treatment of selected topics within general psychology. Special emphasis on experimental procedures, laboratory demonstrations and participation. SPRING SEMESTER.

PSYCHOLOGY 230 Psychology of the Exceptional **Three credit hours**

An examination of psychological approaches to understanding a variety of handicapping and facilitating deviations from the usual. Emphasis on applications to educational settings. (Same as Education 296.) SPRING SEMESTER.

PSYCHOLOGY 233 Psychological Statistics **Three credit hours**

The application of inferential statistics to data in the social sciences. Emphasis on normal, chi-square, t, and F distributions, regression, and hypothesis testing. Prerequisite: Mathematics 136 or its equivalent. (Same as Sociology 233.) FALL SEMESTER.

PSYCHOLOGY 234 Experimental Designs **Three credit hours**

Presentation of various statistical designs used in psychological research. Emphasis on the analysis of variance. Prerequisite: Psychology 233 or its equivalent. SPRING SEMESTER.

PSYCHOLOGY 235 Psychology of Childhood **Three credit hours**

A study of the development of children from conception to adolescence. The biological factors and social forces that affect the growing child are dealt with, as are cognitive and moral development, learning, maturation and family relationships. FALL and/or SPRING SEMESTERS.

PSYCHOLOGY 237 Psychology of Adolescence **Three credit hours**

The psychology of behavior arising from the problems peculiar to the transitional period between childhood and maturity. FALL and/or SPRING SEMESTERS.

PSYCHOLOGY 239 Educational Psychology **Three credit hours**

A study of the theories of education and the principles of classroom learning. Concepts dealing with the acquisition of knowledge and interpersonal social relations are emphasized. The practical application of these principles are incorporated. FALL and/or SPRING SEMESTERS.

PSYCHOLOGY 330 The Psychology of Learning **Three credit hours**

A study of the facts and theories of human and animal learning. SPRING SEMESTER.

PSYCHOLOGY 332 The Psychology of Perception **Three credit hours**

A study of the basic phenomena of perception as determined by conditions in the external situation and within the perceiver. FALL SEMESTER.

PSYCHOLOGY 333 Experimental Psychology I **Three credit hours**

Theory, methods, and techniques of experimental psychology through investigations of psychophysics, scaling, sensation, and human learning. Two hours of lecture and two hours of laboratory work per week. Prerequisite: Psychology 233 or its equivalent. FALL SEMESTER.

PSYCHOLOGY 334 Experimental Psychology II **Three credit hours**

Theory, methods, and techniques of experimental psychology through investigations of animal learning, perception, social interaction, and aesthetics. Two hours of lecture and two hours of laboratory work per week. Prerequisite: Psychology 333 or permission of the instructor. SPRING SEMESTER.

PSYCHOLOGY 335, 325, 315 Selected Topics in Psychology
One (315), two (325), or three (335) credit hours

Exploration of special psychological topics. May be repeated. Prerequisites: Fifteen (15) hours in psychology. ON OCCASION.

PSYCHOLOGY 336 Psychology of Religion **Three credit hours**

A study of the psychological factors in religious experience and the dynamic patterns affecting religious adjustment and maladjustment. Special attention to the problems of sin, guilt, conversion, and religious beliefs. Alternate years. (Same as Religion 334.) FALL SEMESTER.

PSYCHOLOGY 338 Personality Theory **Three credit hours**

An introduction to some of the major theories of personality and their implications for daily living. The contents and functions of personality theories are explored. FALL SEMESTER.

PSYCHOLOGY 339 Principles of Psychological Measurement **Three credit hours**

An introduction to psychological testing which includes an exploration of the functions and origins of the area. Basic characteristics of assessment techniques such as the establishment of reliability and validity are studied. Students are introduced to some of the major psychological tests available today. Laboratory experience in test administration and interpretation is provided. SPRING SEMESTER.

PSYCHOLOGY 430 Psychology of Speech **Three credit hours**

The psychological principles involved in oral communication and their application to special individual and group problems. (Same as Speech 430.) SPRING SEMESTER.

PSYCHOLOGY 431 Social Psychology **Three credit hours**

Problems, concepts, and methods in the study of social interaction and interpersonal influence. (Same as Sociology 431.) SPRING SEMESTER.

PSYCHOLOGY 432 Abnormal Psychology **Three credit hours**

A study of the basic facts and theories of abnormal behavior from the psychologist's point of view. Provision is made for discussion of current and critical issues of mental disturbance. FALL SEMESTER.

PSYCHOLOGY 434 Introduction to Clinical Psychology **Three credit hours**

A study of the historical development of clinical psychology and an exploration of the theories of personality and behavior, the techniques and problems of diagnosis and personality assessment, the research role of the clinical psychologist, the diversity of psychotherapeutic approaches, community psychology and mental health, and professional issues related to the training and practice of clinical psychologists. SPRING SEMESTER.

PSYCHOLOGY 435 Theoretical Psychology **Three credit hours**

A comprehensive review of the development of the field of psychology and the systems and theories of psychology that have evolved out of their historical roots. Contemporary trends in each area of the discipline are explored. FALL SEMESTER.

PSYCHOLOGY 436, 426, 416 Independent Research in Psychology
One (416), two (426), or three (436) credit hours

Independent investigation of topics of special interest. Prerequisites: junior classification, six hours in psychology, approval of faculty supervisor. May be repeated. FALL and SPRING SEMESTERS.

PSYCHOLOGY 437 Individual Psychological Tests I **Three credit hours**

The administration and interpretation of tests for preschool and elementary school children. Prerequisites: Mathematics 136, Psychology 339, and nine additional hours in psychology. FALL SEMESTER.

PSYCHOLOGY 438 Individual Psychological Tests II **Three credit hours**

The administration and interpretation of tests at the adolescent and adult levels. Prerequisites: Mathematics 136, Psychology 339, and nine additional hours in psychology. SPRING SEMESTER.

PSYCHOLOGY 460 Internship in Psychology **Six credit hours**

An opportunity for students, under supervision, to participate in such professional psychological activities as testing, counseling, job placement, group therapy, and research. NOTE: Each student will be responsible for 160 to 200 hours of work in a selected community agency and for participation in periodic seminars. FALL and/or SPRING SEMESTERS.

CURRICULUM FOR PSYCHOLOGY MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190A	3	English 190B	3
History 131	3	Psychology 131	3
French or Spanish 131	3	French or Spanish 132	3
Mathematics 131	3	Mathematics 132	3
Music 131	3	Rel. 130 or Phil. 131	3
Orientation 111	1	Orientation 112	1
	16		16

Sophomore Year

English 231	3	English 232	3
Mathematics 136	3	Speech 131	3
Psychology 132	3	Psychology Elective (200 Level)	3
French or Spanish 231	3	French or Spanish 232	3
Biology 140	4	Physical Education (Activity)	1
Physical Education (Activity)	1	Physical Education 121	2
	17		15

JUNIOR YEAR

Psychology 233	3	Psychology Electives	6
Physical Science 141	4	Social Science Req.	3
History 132	3	Electives	6
Art 231	3		
Psychology "Cafeteria Requirement"	3		
	16		15

Senior Year

Psychology 333	3	Electives	12
Psychology "Cafeteria Requirement"	3		
Psychology Electives	6		
Electives	3		
	15		12

DIVISION IV: MATHEMATICS AND SCIENCES

The Departments of Biology, Chemistry, Computer Science, Mathematics, and Physics constitute the Division of Natural Science and Mathematics. Students may elect a major in biology, chemistry, mathematics, computer science, or physics-mathematics. All departments will provide work for a minor.

Premedical, predental, and other preprofessional programs may be arranged. (See Biology and Chemistry).

GENERAL SCIENCE MAJOR

A major in general science consists of Biology 143-144, Chemistry 141-142, Computer Science 231, Mathematics 143-145, Physics 241-242, 12 additional semester hours in courses above the 100-level in one of the three sciences (biology, chemistry, and physics) and 3 additional semester hours above the 100-level in another of the three sciences.

DEPARTMENT OF BIOLOGY

The Department of Biology attempts to develop an understanding of life through a comprehensive and penetrating study of the concepts, methodology, and philosophy of biology. The department hopes to provide an environment in which the broad themes of biology may be discussed and their relevance to other disciplines appreciated. In addition, the department attempts to prepare students for graduate work, research, and training for professional service in medicine, dentistry, medical technology, other health science fields, and related areas, including eduction.

A major in biology requires a minimum of thirty-two credit hours in biology; these thirty-two hours must include Biology 143, 144, 411, and 412. The other twenty-two credit hours must include at least one course from each of two groups. Group I consists of Biology 241, 331, 340, 343 and 345; group II consists of Biology 242, 342, 440 and 442. Biology 140, 146 and 240 are for non-majors and may **not** be used to satisfy major requirements.

The biology major also requires thirty-two hours of related science and mathematics courses; these courses are Chemistry 141, 142, 341, and 342, Mathematics 143 and 145, and Physics 241 and 242. In all supporting courses listed above, a minimum of "C" average is required.

A minor in biology requires twenty credit hours of biology courses, of which twelve credit hours must be in courses above the 100-level.

A biology major who wishes to teach biology in secondary schools may fulfill requirements for this major by taking the following courses:

Education 232, 230, 331, 393, 395, 432, 492X;

Psychology 131, 237, 239;

Physical Education 226 and two P.E. activity courses;

Chemistry 141, 142, and 341;

Mathematics 143 and 145;

Biology 143, 144, 411, 412, and 434;

Twenty additional credit hours of biology courses from the following two groups:

Biology 241, 331, 340, 343, or 345 **(at least one of these)**

Biology 242, 342, 440, or 442 **(at least one of these)**

Substitution for courses may be authorized by the head of the department and filed with the registrar.

BIOLOGY 140† Introductory Biology **Four credit hours**
A study of the plant and animal kingdom. A general treatment of the structure, function, and continuity of living organisms. Lectures: three hours a week. Laboratory: two hours a week.

BIOLOGY 143 General Zoology **Four credit hours**
A study of the structures, function, environmental relationships, origin, and development of animals. Fulfills the requirements for a major in biology. Lectures: two hours a week. Laboratory: four hours a week.

BIOLOGY 144 General Botany **Four credit hours**
A study of the morphology, physiology, heredity, and evolution of plants, including a survey of the plant kingdom. Emphasis on life cycles. Lectures: two hours a week. Laboratory: four hours a week.

BIOLOGY 146 Molecular Biology **Four credit hours**
A study of the physical and chemical aspects of cellular activity. Fulfills requirements for the physical education major. Lectures: three hours a week. Laboratory: two hours a week.

BIOLOGY 240 Human Anatomy and Physiology **Four credit hours**
A study of the basic structure and functions of man, both descriptive and experimental. Prerequisite: Biology 140. Fulfills requirements for the physical education major. Lectures: three hours a week. Laboratory: two hours a week.

BIOLOGY 241 Cell Biology **Four credit hours**
A detailed study of the structure, organization, physiological activities, and ecology of plant and animal cells. Prerequisites: Biology 143 and 144. Lectures: two hours a week. Laboratory: four hours a week.

BIOLOGY 242 Ecology **Four credit hours**
Relationships between organisms and their environment. Emphasis on the climatic, edaphic, physiographic, and biotic principles involved. Prerequisites: Biology 143-144. Lectures: two hours a week. Laboratory: four hours a week. Several field trips to be included.

BIOLOGY 331 Laboratory Technique **Three credit hours**
An interdisciplinary course in laboratory methods which will include chromatography, electrophoresis, spectrophotometry, and electroanalytic methods. Designed for prospective teachers and for students interested in medicine, dentistry, or allied health professions. Prerequisites: Biology 143-144 and Chemistry 141-142. Corequisite: Physics 241. Lecture: one hour a week. Laboratory: four hours a week.

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†*May be used to satisfy general education requirements and physical education major.*

BIOLOGY 340 Genetics **Four credit hours**

The transfer of hereditary characteristics studied at the molecular, organismic, and species levels. Prerequisites: Biology 143-144 or the equivalent, Chemistry 141-142, Mathematics 333 or the equivalent. Organic chemistry recommended. Lectures: three hours a week. Laboratory: four hours a week.

BIOLOGY 342 Microbiology **Four credit hours**

An introduction to the study of microorganisms. Special emphasis on their relationship to man. Prerequisites: Biology 143-144. Chemistry recommended. Lectures: two hours a week. Laboratory: four hours a week.

BIOLOGY 343 Histology **Four credit hours**

Instruction in the technique of preparing tissues of microscopic observation. The examination and detailed study of various tissues. Prerequisites: Biology 143-144. Lectures: two hours a week. Laboratory: four hours a week.

BIOLOGY 345 Embryology **Four credit hours**

A study of the development process in animals. Special reference to the frog, chick, pig, and man. Prerequisites: Biology 143-144. Lectures: two hours a week. Laboratory: four hours a week.

BIOLOGY 410, 420, 430 Research Problems in Biology
One to three credit hours

Independent or team work in laboratory investigation of some aspects of biology. Progress reports, discussions, and presentation of results. Work permitted to extend over several semesters. Prerequisite: approval of the research director.

BIOLOGY 411-412 Seminar **One credit hour**

Independent work on recent findings of some aspect of biology. Prerequisite: approval of the seminar coordinator and the head of the department.

BIOLOGY 434 Methods in Teaching Science in the Secondary Schools **Three credit hours**

A study of the current approaches, texts and materials used in teaching science in the secondary schools. Junior level and approval of instructor required.

BIOLOGY 440 Integrated Physiology **Four credit hours**

An analysis of the processes by which vertebrates and invertebrates maintain, regulate, and perpetuate their structural and functional integrity. Prerequisites: Biology 143-144, Chemistry 141-142, and Chemistry 243 or 341. Lectures: two hours a week. Laboratory: four hours a week.

BIOLOGY 442 Comparative Anatomy **Four credit hours**

A general study of the various vertebrate types, including mammals. A detailed laboratory study of the gross anatomy of a specimen of fish, amphibian, reptile, bird, and mammal. Prerequisites: Biology 143-144. Lectures: two hours a week. Laboratory: four hours a week.

BIOLOGY 444 Pathobiology **Four credit hours**

The fundamentals of disease, emphasis on mechanism of cellular injury, inflamation, immunological injury, host-parasite relationship, and the genetic basis of disease. Prerequisites: Biology 143-144, and 342. Lectures: three hours a week. Laboratory: two hours a week.

CURRICULUM FOR BIOLOGY MAJORS
(Bachelor of Science Degree)
Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
Math 143,	4	Math 145	4
Biology 143	4	Biology 144	4
English 190*	3	English 190*	3
French 131 or Spanish 131	3	French 132 or Spanish 132	3
Philosophy 131 or Religion 130	3	Music, Drama, Art, or Speech	3
Orientation 111	1	Orientation 112	1
	18		18

Sophomore Year

Chemistry 141	4	Chemistry 142	4
Physics 241	4	Physics 242	4
Biology 241	4	Biology 242	4
English 231 World Literature	3	English 232	3
Physical Education 121	2	Social Studies Elective	3
Physical Education Elective (Activity)	1		18
	18		

Junior Year

Chemistry 341	4	Chemistry 342	4
Biology 331 Laboratory Technique	3	Biology 412	1
Biology 411	1	Biology 410, 420, 430	1-2-3
Social Studies Elective	3	Social Studies Elective	3
Philosophy 131 or Religion 130	3	Drama, Art, or Speech	3
Physical Education Elective (Activity)	1		
Elective (3 hrs.)			12-14
	18		

Senior Year

Chemistry 333	3	Chemistry 334	3
Biology 340	4	Biology 342	4
Biology 440	4	Biology 345	4
Biology 410, 420, 430	1-2-3	Social Studies Elective	3
Elective	3	Elective	3
	15-17		17

Mathematics and English courses in the freshman year: dependent upon placement results.

**Recommended course.*

DEPARTMENT OF CHEMISTRY

The courses in chemistry are designed to enable students to acquire a general knowledge of chemistry, to give a basic foundation to those students who plan to enter health related professions, to work in industry or pursue advanced work in chemistry, and to equip those students who wish to teach in this discipline. The course work is supported by modern instrumentation including gas and liquid chromatographs, polarimeters, and spectroscopic equipment such as NMR, UV, IR and other spectrophotometers.

A major in chemistry requires a minimum of thirty-four credit hours; a minor requires a minimum of twenty-two credit hours. Course requirements for the major are Chemistry 141-142, 241-242, 341-342, 411-412, 422 and 431-432. In addition to the required courses in chemistry, Physics 241-242 and Mathematics 241-242 are also required. In all of the above listed courses, in Chemistry, Physics and Mathematics a minimum grade of "C" is required for graduation.

A chemistry major who wishes to teach in secondary school may fulfill requirements for this major by taking the following courses: Chemistry 141-142, 241-242, 341-342, 411, 431 and 434; Physics 241-242; Math. 241-242; Ed. 232, 230, 331, 393, 395, 432 and 492X; P.E. 226; and Psy. 131, 237 and 239.

CHEMISTRY 141-142 General Chemistry **Four credit hours**

A discussion of the fundamental principles of chemistry in relation to the physical and chemical properties of the nonmetallic and metallic elements and their compounds. Prerequisite or corequisite: Intermediate Algebra (Math 143) or a mathematics course above the 143 level. Three lectures and four hours of laboratory a week.

CHEMISTRY 241 Analytical Chemistry **Four credit hours**

The theory and practice of measurement as applied to representative volumetric and gravimetric determinations. Prerequisite: Chemistry 142 with a grade of C or better. Three lectures and four hours of laboratory a week.

CHEMISTRY 242 Instumental Analysis **Four credit hours**

A discussion of the theoretical principles of modern instrumentation. Appropriate experiments to complement the discussion. Prerequisite: Chemistry 241 or consent of instructor. Three lectures and four hours of laboratory a week.

CHEMISTRY 313-314 Biochemistry Laboratory **One credit hour**

Courses to accompany Chemistry 333-334. Four hours of laboratory a week.

CHEMISTRY 331 Inorganic Chemistry **Three credit hours**

A study of the theoretical and descriptive aspects of inorganic chemistry, emphasizing the relationship between atomic and molecular structure and chemical and physical properties. Prerequisite: Chemistry 241. Lecture three times a week.

CHEMISTRY 333-334 Biochemistry **Three credit hours**

A study of the biochemical processes and molecular reactions in living systems, including a study of carbohydrates, lipids, proteins, metabolic reactions and energy considerations. Prerequisites: Biology 143-144, Chemistry 342. Lecture three hours a week.

CHEMISTRY 341-342 Organic Chemistry **Four credit hours**

A study of the fundamental principles of Organic Chemistry as illustrated by reaction mechanisms and products, functional group reactions and preparations and synthesis of both aliphatic and aromatic systems. Prerequisite: Chemistry 142 with a grade of C or better. Three lectures and four hours of laboratory a week.

CHEMISTRY 411-412 Selected Experiments in Physical Chemistry **One credit hour**

Courses to accompany Chemistry 431-432. Four hours of laboratory a week.

CHEMISTRY 420-421 Chemistry Seminar **Two credit hours**

Presentation and discussion of selected topics from the major areas of chemistry. Oral and written reports required. Prerequisite: consent of the department.

CHEMISTRY 422 Laboratory Projects in Chemistry **Two credit hours**

Advanced laboratory investigation designed to allow the student to become actively involved in chemical research either by participating in faculty designed projects or by pursuing individual interests approved by the staff. Prerequisite: junior standing and consent of the department. May be repeated for credit.

CHEMISTRY 430 Advanced Organic Chemistry **Three credit hours**

Topics of interest in theoretical and practical organic chemistry, including mechanisms, reactions and synthetic methods. Prerequisite: Chemistry 342.

CHEMISTRY 431-432 Physical Chemistry **Three credit hours**

The principles of chemistry as applied to the properties and behavior of gases, liquids, solids and solutions. The principles of Thermodynamics, Quantum Mechanics, and Kinetics and their applications to chemical and biochemical systems.

CHEMISTRY 434 Methods in Teaching Science in the Secondary School **Three credit hours**

A study of the current approaches, texts and materials used in teaching science in the secondary schools. Junior standing and approval of the department chairman is required. Three lectures a week.

PHYSICAL SCIENCE 141 Physical Science **Four credit hours**

A study of the physical universe, including space, energy and the structure of matter. A terminal course fulfilling general education requirements for non-science majors. Three hours of lecture and two hours of laboratory a week.

EXAMPLE CURRICULUM FOR CHEMISTRY MAJORS

Freshman Year

Chemistry 141	4	Chemistry 142	4
English 190A	3	English 190B	3
Mathematics 143	4	Mathematics 144	4
Foreign Language 131	3	Foreign Language 132	3
Freshman Orientation 111	1	Freshman Orientation 112	1
Physical Education (activity)	1	Physical Education (activity)	1
	16		16

Sophomore Year

Chemistry 241	4	Chemistry 242	4
Math 241	4	Math 242	4
Physics 241	4	Physics 242	4
Foreign Language 231	3	Foreign Language 232	3
Physical Education 121	2		
	17		15

Junior Year

Chemistry 341	4	Chemistry 342	4
English 231	3	English 232	3
Social Science Req*	3	Social Science Req.*	3
Humanities Requirement**	3	Humanities Requirement**	3
Lab. Projects 422	2	Electives***	6
Electives***	3		
	16		17

Senior Year

Chemistry 431	3	Chemistry 432	3
Chemistry 411	1	Chemistry 412	1
Social Science Req.*	3	Social Science Req.	3
Humanities Requirement**	3	Humanities Requirement**	3
Lab. Projects 422	2	Electives***	6
Electives***	3		
Chemistry 420	2		
	17		16

*History 131-132 (6)

**Religion (3) or Philosophy (3) plus, specifically, Speech 131 (3), Music 131 (3) and Art 231 (3).

***Recommended Electives

Calculus III	Advanced Organic Chemistry
Computer Science Courses	Linear Algebra
Biochemistry	Lab. Projects

DEPARTMENT OF MATHEMATICS AND PHYSICS

MATHEMATICS

The objectives of the Department of Mathematics are as follows: to provide students with mathematical background for general and professional education, to prepare students for advanced study in mathematics, to prepare students to become mathematics teachers, to prepare students for employment in applied mathematics, and to develop appreciation for mathematics as a science.

A major in mathematics consists of thirty-three credit hours in mathematics. The following courses are required: Mathematics 241-242, 333, 335, or 439, 336, 341, 427, and 428. Students majoring in mathematics must also take eight credit hours of physics or four credit hours of physics and Computer Science 231.

A minor in mathematics consists of twenty-one credit hours of mathematics only or fifteen credit hours of mathematics and six credit hours of business, marketing, or economics. Required courses for a minor are Mathematics 136 or 333, 241-242, and 336. Electives include any mathematics courses above Mathematics 241 and any two of the following: Business 333, Economics 432, and Marketing 331 or 431.

Additional courses for the student majoring in mathematics may be selected from the track most appropriate for his postcollege plans.

TRACK 1: Graduate Study (Mathematics 334, 431, and another three-credit mathematics course)

TRACK 2: Teacher of Mathematics (Mathematics 136 or 334, 330, 420, 423 and 424, 434 or 426, and two credit hours of independent study; Education 232, 230, 331, 393, and 395; Psychology 131, 237, and 239; Physical Education 226)

TRACK 3: Computer Science (Mathematics 434 and twelve credit hours in computer science)

TRACK 4: Business (Mathematics 136, Computer Science 231-232, Economics 231-232, Accounting 235-236, and these electives: Business 335-333, Marketing 331 or 431, and six credit hours in accounting or economics)

PLACEMENT

All entering freshmen are required to take the Mathematics Placement Test. Students whose performance demonstrates a need for arithmetic will be required to enroll in Math 130. Other non-science students will enroll in Math 131 or a more advanced math course based upon performance on the placement test. Students who are required to enroll in Math 130 must take Math 131 before taking Math 132. Students planning to major in Biology, Chemistry, Mathematics, or Computer Science who are not required to take Math 130 should enroll in Math 143.

The Mathematics Advanced Placement Test is also given for students who desire to satisfy the general education requirement by taking higher level courses. A satisfactory advanced placement score will exempt students from Math 130, 131, and permit them to enroll immediately in Math 132, 143, 144 or 241. All students must earn at least six hours above Math 130 to satisfy the general education mathematics requirement.

MATHEMATICS 130 Fundamental Arithmetic **Three credit hours**

Fundamental operations of arithmetic with applications.

MATHEMATICS 131 Basic Mathematics I **Three credit hours**

Basic fundamental algebra; real numbers and their properties; terms, expressions and factoring; linear and quadratic equations; exponents, and logorithms; practical applications involving word problems.

MATHEMATICS 132 Basic Mathematics II

A continuation of the development of real numbers with applications, finite mathematical systems, topics from number theory, selective topics from probability and statistics, functional relationships, ratio and proportion, sequences, and progressions. Prerequisite: Mathematics 131 or specified score on placement test.

MATHEMATICS 136 Introductory Statistics **Three credit hours**

A course for majors in areas other than mathematics. Descriptive statistics, introductory probability, the normal curve, linear correlation and regression. Prerequisite: Mathematics 131 or the equivalent.

MATHEMATICS 143 Intermediate Algebra **Four credit hours**

This course covers the concepts of algebra, the real number system, elementary algebraic, logarithmic functions, solutions of a system of linear equations in two and three unknowns by elimination and by Cramer's rule, and complex numbers. This course is required of all science majors whose placement score will not enable them to enroll in Math 144 or Math 241.

MATHEMATICS 144 Precalculus Analysis **Four credit hours**

Sets, number fields, equations and inequalities, introduction to analytic geometry; algebraic, expotential, logarithmic, and trigonometric functions, solution of a system of linear equations in two and three unknowns by Gaussian's eliminations and Cramer's rule, complex numbers, and De Moivne's Theorem. Prerequisite: Mathematics 143 or the equivalent.

MATHEMATICS 145 Introductory Calculus **Four credit hours**

Expontential, logarithmic and trigonometric functions, topics from analytic geometry, and polynomial calculus with applications. This course is designed for biology, social science, business and economic majors. Prerequisite: Mathematics 143.

MATHEMATICS 210 Statistical Laboratory **One credit hours**

A supporting course for Mathematics 136. Two one-hour laboratory periods per week.

MATHEMATICS 241-242 Calculus I and II **Four credit hours**

Plane analytic geometry, fundamental concepts of differentiation, and integration with applications. Prerequisite: Mathematics 144 or 145.

MATHEMATICS 330 Modern Geometry **Three credit hours**

The logical structure and use of Euclidean Geometry. The relationship of Euclidean geometry to other geometries. Prerequisite: Mathematics 241.

MATHEMATICS 333-334 Probability and Statistics **Three credit hours**
Elements of probability theory, mathematical statistics and applications. Prerequisite: Mathematics 242 or part I and Mathematics 341 for part II.

MATHEMATICS 335 Introductory Abstract Algebra **Three credit hours**
Elementary set theory and logic, mapping, groups, rings, integral domain, fields, and polynomials. Prerequisite 144 or the equivalent.

MATHEMATICS 336 Introductory Linear Algebra **Three credit hours**
Systems of linear equations, vector spaces, linear transformations, theory and applications of matrices and determinants. Prerequisite 144 or the equivalent.

MATHEMATICS 337 Mathematics for Early Childhood-Intermediate School Teachers I **Three credit hours**
Sets, development of whole numbers, natural numbers, fractions and integers with emphasis on their properties; the concept of number and numeral, algorithms, and the metric system. Prerequisite: Mathematics 132.

MATHEMATICS 338 Mathematics for Early Childhood-Intermediate School Teachers II **Three credit hours**
Real numbers with emphasis on their properties, logic, relations and functions; the concept of measure; measurement including the metric system; topics from intuitive geometry; exposure to algorithms and innovative methods of teaching mathematics to students with a wide range of abilities. Prerequisite: Mathematics 337.

MATHEMATICS 341 Calculus III **Three credit hours**
Extension of the calculus to several variables, vector analysis, infinite series and line integrals. Prerequisite: Mathematics 242.

MATHEMATICS 420 Materials and Methods in High School Mathematics **Two credit hours**
Modern methods and materials for teaching mathematics to high school students. Prerequisite: Mathematics 242 and 335 or 336.

MATHEMATICS 423-424 Internship in Mathematics **Two credit hours**
A two-part course designed to provide experience in laboratory approaches to the teaching of mathematics. Covers such topics as the use of audio-visual aids, programmed materials, and the designing of special mathematical activities to meet the needs of under-prepared students. Prerequisite: junior or senior with a major or minor in mathematics.

MATHEMATICS 427-428 History and Foundations of Mathematics **Two credit hours each semester**
History of mathematics up to 1600 through creative problem solving. Development of modern mathematics (the use of set theory in algebra, analysis, geometry) and the pioneers, beginning with Descartes. Prerequisite: Mathematics 242 or the equivalent.

MATHEMATICS 431-432 Advanced Calculus **Three credit hours**
A real variable approach to calculus. Prerequisite: Mathematics 341.

MATHEMATICS 434 Elementary Differential Equations **Three credit hours**
A general course in ordinary differential equations. Prerequisite: Mathematics 341.

MATHEMATICS 438 Biostatistics **Three credit hours**
An introduction to methods of statistical analysis from a biological point of view. Topics cover probability distributions, confidence interval, estimation of population parameters, test of significance, analysis of variance, correlation and regression. Prerequisite: Mathematics 144.

Reading in Mathematics

Qualified students in mathematics may take any of the following courses as individual independent study units. Under certain circumstances, any of these courses may take the form of a regular class. Prerequisite: consent of the instructor.

MATHEMATICS 315, 316, 415, 416	**Independent Study in Mathematics**	**One to four credit hours**
MATHEMATICS 421	**Topics in Analysis**	**Two credit hours**
MATHEMATICS 422	**Topics in Complex Variables**	**Two credit hours**
MATHEMATICS 426	**Topics in Number Theory**	**Two credit hours**
MATHEMATICS 429	**Topics in Statistics**	**Two credit hours**
MATHEMATICS 436	**Topics in Numerical Methods**	**Three credit hours**
MATHEMATICS 439	**Topics in Modern Algebra**	**Three credit hours**

CURRICULUM FOR MATHEMATICS MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
Math 143	4	Math 144	4
English 190A	3	English 190B	3
French or Spanish 131	3	French or Spanish 132	3
Speech 131	3	Music 131	3
CSC 231	3	CSC 232	3
Orientation 111	1	Orientation 112	1
	17		17

Sophomore Year

Math 241	4	Math 242	4
Math 136	3	Math 336	3
Phys. 243	4	Phys. 244	4
English 231	3	English 232	3
Physical Education (Activity)	1	History 132	3
History 131	3		
	18		17

Junior Year

Math 427	2	Math 431	3
Math 341	4	Math 428	2
Math 333	3	Math 335	3
Social Science Req. 131	3	Biology 140	4
Electives*	3	Electives*	5
Physical Education (Activity)	1		
	19		17

Senior Year

Math. 434	3	Math. 427	2
Religion or		Math. 428	2
Philosophy 131	3	Art 231	3
Electives*	9	Social Science Req. 131	3
		Electives*	6
	15		16

**Suggested Electives:*

CSC 233	*Math. 334*	*Physics 435*
CSC 234	*Math. 421*	*Physics 436*
CSC 341	*Math. 432*	*Physics 438*

PHYSICS

The courses in physics are designed to train those who plan to do graduate work in physics, to enter industry, to teach in secondary or technical schools, and to obtain a general knowledge in the modern fields of descriptive and quantitative experimental physics.

A major in physics-mathematics consists of a minimum of twenty-three credit hours of physics and twenty credit hours of mathematics.

The physics requirements include 243, 244, 330, or 344, 331, 332, 431, and 432. The Physics Department may substitute other courses in physics to satisfy the requirement in the physics-mathematics major. A list of these courses must be filed with the registrar.

The mathematics requirements include 241, 242, 333 or 334, 336, 342, 421 or 431, and 434.

A minor in physics consists of the twenty-three credit hours of physics in the physics-mathematics major.

PHYSICS 235 Vector Analysis **Three credit hours**

Gradient, divergence, curl, and Laplican, together with their physical significance, line and surface integrals; Gauss and Stokes theorems; vectors in Cartesian, cylindrical, and spherical polar coordinates. Physical application of matrices and tensors. Three lecture hours a week. Prerequisite: Mathematics 242.

PHYSICS 241 General Physics **Four credit hours**

A study of mechanics, heat, and sound. Three lecture hours and two laboratory periods per week. Prerequisite: Mathematics 143 or the equivalent.

PHYSICS 242 General Physics **Four credit hours**

A study of electricity, magnetism, light, and modern physics. Three lecture hours and two laboratory periods per week. Prerequisite: Physics 241.

PHYSICS 243 Mechanics and Heat **Four credit hours**

A study of vectors, statics, dynamics, fluid mechanics, and heat. Three lecture hours and four laboratory periods per week. Corequisite: Mathematics 241.

PHYSICS 244 Electrodynamics **Four credit hours**

Electricity and magnetism. Topics treated in detailed manner. Three lecture hours and four laboratory periods per week. Prerequisite: Physics 243 and corequisite: Mathematics 241.

PHYSICS 330 Laboratory Electronics **Three credit hours**

An introduction to basic principles of electronics, operation of electronic measuring devices, and construction of devices for electrical and electronic measurements. One lecture hour and four laboratory periods per week. Prerequisite: Physics 244.

PHYSICS 331 Introduction to Modern Physics I **Three credit hours**

Elements of electricity and magnetism, the special theory of relativity, atomic particles, Bohr's theory, optical Spectra, and X ray Spectra. Three lecture hours per week. Prerequisite: Physics 244.

PHYSICS 332 Introduction to Modern Physics II **Three credit hours**

Radioactivity, disintegration of nuclei, fission and fusion, nuclear processes, fundamental particles, and accelerators. Three lecture hours per week. Prerequisite: Physics 331.

PHYSICS 344 Waves and Optics **Four credit hours**

A general but detailed study of waves, acoustics, and optics. Three lecture hours and two laboratory periods per week. Prerequisite: Physics 243.

PHYSICS 345 Biophysics **Four credit hours**

Sound and the ear, light and the eye, microscophy, the physics of muscular contraction, electrocardiography, radiation physics, and biophysical techniques using wave phenomena, nuclear phenomena, and mechanical and electrical phenomena. Three lecture hours and laboratory hours per week. Prerequisite: Physics 241-242, Biology 143, and Math 133-134.

PHYSICS 412 Physics Seminar **One credit hour**

Prerequisite: Consent of the instructor.

PHYSICS 431 Advanced Mechanics **Three credit hours**

Kinematics, moving coordinate systems, motion of rigid body, central force problem, oscillations and coupled oscillators, Lagrange's and Hamilton's equations, generalized coordinates. Three lecture hours per week. Prerequisites: Physics 243 and Mathematics 341.

PHYSICS 432 Advanced Electrodynamics **Three credit hours**

Electromagnetic field theory, Maxwell's equation, electromagnetic radiations and relativistic effects. Three lecture hours per week. Prerequisites: Physics 244 and Mathematics 341.

PHYSICS 433 Kinetic Theory and Statistical Mechanics **Three credit hours**

Introduction to kinetic theory and statistical mechanics. Treated in detail. Three lecture hours per week. Prerequisite: Physics 441.

PHYSICS 436 Solid State Physics **Three credit hours**

An introduction to solid state physics. Three lecture hours per week. Prerequisites: Physics 332 and Mathematics 341.

PHYSICS 438 Quantum Theory **Three credit hours**

An introduction to quantum theory. Three lecture hours per week. Prerequisites: Physics 332 and Mathematics 434.

PHYSICS 441 Thermodynamics **Four credit hours**

Thermometry and expansion of solids, liquids, and gases. Calorimetry. Laws of thermodynamics and their applications. Low temperature physics. Three lecture hours and two laboratory periods per week. Prerequisites: Physics 243 and Mathematics 241.

CURRICULUM FOR PHYSICS-MATHEMATICS MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
Math 143	4	**Math 144**	**4**
English 190A	3	**English 190B**	**3**
French or Spanish 131	3	**French or Spanish 131**	**3**
Speech 131	3	**Music 131**	**3**
CSC 231	3	**CSC 232**	**3**
Physical Education (Activity)	1	**Physical Education (Activity)**	**1**
Orientation 111	1	**Orientation 112**	**1**
	18		18

Sophomore Year

Physics 243	4	Physics 244	4
Math 241	4	Math 242	4
Chemistry 141	4	Chemistry 142	4
English 231	3	English 232	3
Psychology 131	3	Physical Education 121	2
	18		17

Junior Year

Physics 330 or 344	3 or 4	Physics 332	3
Math 333	3	Math 336	3
Physics 331	3	Math 341	4
History 131	3	History 132	3
Biology 140	4	Philosophy 131 (or Religion 130)	3
	16 or 17		16

Senior Year

Physics 431	3	Physics 432	3
Math 431	3	Math 434	3
Economics 131 (or Political Science 131)	3	Electives	9
Art 231	3		
Electives	3		
	15		15

COMPUTER SCIENCE

The use of modern information processing machines has become indispensible in solving problems in many areas vital to our well-being. Today, these machines are being used to help design and operate space vehicles, make financial transactions and management decisions, teach children reading and arithmetic, and to provide family entertainment. Many economists believe the computer and information industry will be one of the nation's largest by the turn of the century.

The Computer Science Program at Johnson C. Smith University reflects the growth and potential of this industry. The program provides courses and activities designed to provide marketable knowledge and skills for successful careers in the information processing industry, and to provide a theory-oriented foundation for graduate work in information and computer science.

A major in computer science consists of at least thirty-five credit hours of computer science courses and at least twenty-two credit hours of mathematics-physics courses. The required courses are Computer Science 231, 232, 331, 333, 334, 336, 421, 422, 431, 433; Mathematics 241, 242, 333, 336; and Physics 241, 242.

A minor in computer science consists of at least twenty-one credit hours of computer science courses which must include Computer Science 231, 232, 333, and 334.

All 100, 200 and 300 level computer science courses provide hands-on experience involving the actual operation of computers and peripheral devices.

COMPUTER SCIENCE 131 Computer Concepts I **Three credit hours**

A course designed to acquaint the student with concepts, terminology and components of modern information processing systems. Topics include basic computer components and their functions, computer data representation and arithmetic, characteristics of input-output media and devices, data communications, programming languages. Prerequisite: Mathematics 132.

COMPUTER SCIENCE 132 Computer Concepts II **Three credit hours**

A continuation of Computer Science 131. Language syntax, development of algorithms for business oriented problems, structured programming techniques. Examples in business system programming. Prerequisite: Computer Science 131.

COMPUTER SCIENCE 231 Computer Programming I **Three credit hours**

Organization and characteristics of digital computers. Language syntax, design and representation of algorithms. Problem solving and programming techniques, debugging and program varification, computer processing of programs, files and basic data structures. Prerequisites: Mathematics 143; Computer Science 132.

COMPUTER SCIENCE 232 Computer Programming II **Three credit hours**

Introduction to computer organization. Machine language, instruction format and execution, memory organization and addressing techniques, digital representation of data, symbolic coding and assembly systems. Prerequisite: Computer Science 231.

COMPUTER SCIENCE 235-236 Commercial Data Processing I, II
Three credit hours

Detailed study of COBOL including advanced language features. Business systems design and development, programming for business systems. Data base concepts, program development in a data base environment. Prerequisite: Computer Science 132 or 231.

COMPUTER SCIENCE 331 Introduction to Discrete Structures
Three credit hours

Elements of set theory, functions and relations, counting techniques. Boolean algebra, graph theory, groups and rings. Applications of these structures to computer science. Prerequisites: Mathematics 336; Computer Science 232.

COMPUTER SCIENCE 333 Computer Organization and Programming
Three credit hours

Advanced assembly language programming. Macro definitions and expansions. Systems and utility programs. Instruction format and execution, microprogrammed control. I/O devices and interfacing. Channel programs and interrupt handling. Prerequisite: Computer Science 232.

COMPUTER SCIENCE 334 Introduction to Operating Systems Three credit hours

Brief history of operating systems. Functions of operating systems, process management, input/output systems, memory management, file and data management. Example of an operating system. Prerequisite: Computer Science 333.

COMPUTER SCIENCE 336 Data Structures and Algorithms Three credit hours

Basic concepts of data. Linear lists, arrays and strings. Representation of trees and graphs. Hashing, sorting and searching algorithms. Multi-linked structures. Storage allocation and collection. Prerequisite: Computer Science 331.

COMPUTER SCIENCE 337-338 Introduction to Programming Languages I, II
Three credit hours

Fundamental characteristics, structure and syntax of several major programming languages. Formal specification of syntax and semantics. Basic data types, operations, statement types and program structure. Run-time representation of programs and data. Program linkage and data transfer between programs. Prerequisite: Computer Science 232.

COMPUTER SCIENCE 341 Applications Programming I Four credit hours

Review of facilities of COBOL, including table handling, file access methods, report generation, program linkage and data transfer. Application of computer programming and system development concepts, principles and practices to a comprehensive system development project. Prerequisite: Computer Science 236.

COMPUTER SCIENCE 342 Applications Programming II Four credit hours

Programming of numeric and non-numeric algorithms. Logical and internal data models. Simulation and performance measurement. Applications to database processing. Prerequisites: Mathematics 145; Computer Science 336.

COMPUTER SCIENCE 421-422 Introduction to Theory of Computing
Two credit hours

Fundamental concepts of automata theory. Finite state machines. Turing machines and computational power of machines. Analysis of computer algorithms, correctness and complexity. Representation of combinatorial objects. Prerequisites: Mathematics 242; Computer Science 336.

COMPUTER SCIENCE 431 Computer Theory and Logic **Three credit hours**

Application of Boolean algebra to combinational circuit design problems. Design of gates, flipflops, registers and memories to perform operations on binary data. Microprocessor architectures, hardware modules and interfacing. Software for data communications. Prerequisite: Computer Science 331, 333; Physics 241.

COMPUTER SCIENCE 432 Numerical Methods **Three credit hours**

Algorithms and computer techniques for numerical solutions of problems in several areas including numerical integration and differentiation, linear systems of equations, zeros of functions and curve fitting. Round-off error analysis. Prerequisites: Mathematics 242, 336; Computer Science 231.

COMPUTER SCIENCE 433 Computer Software Organization and Design **Three credit hours**

Detailed study of the design and implementation of systems software including assemblers, loaders, and operating systems. Modification of an existing assembler or operating system and evaluation of results. Prerequisite: Computer Science 334.

COMPUTER SCIENCE 434 Introduction to Compilers **Three credit hours**

Organization of compilers. Detailed study of algorithms for lexical scanners, top-down and bottom-up recognizers. Grammers, symbol tables and run-time storage organization. Error recovery and diagnostics. Code generation and optimization. Prerequisites: Computer Science 331, 338.

CURRICULUM FOR COMPUTER SCIENCE MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
Orientation 111	1	Orientation 112	1
Mathematics 143	4	Mathematics 144 or 145	4
French or Spanish 131	3	French or Spanish 132	3
English 190A	3	English 190B	3
Computer Science 131	3	Computer Science 132	3
Physical Education 121	2	Music 131	3
Physical Education (Activity)	1	Physical Education (Activity)	1
	17		18

Sophomore Year

Computer Science 231	3	Computer Science 232	3
Mathematics 241	4	Mathematics 242	4
English 231	3	English 232	3
History 131	3	History 132	3
Biology 140	4	Art 231	3
	17		16

Junior Year

Computer Science 331	3	Computer Science 334	3
Computer Science 333	3	Computer Science 336	3
Mathematics 336	3	Mathematics 333	3
Physics 241	4	Physics 242	4
Psychology 131	3	Political Science	3
	16		16

Senior Year

Computer Science 421	2	Computer Science 422	2
Computer Science 431	3	Speech 131	3
Computer Science 433	3	Electives (R)*	9
Religion 130 or Philosophy 131	3	Electives (F)**	3
Electives (R)*	3		
Electives (F)**	3		
	17		17

**Restrictive Electives*
***Free Electives*

PREPROFESSIONAL OPPORTUNITIES IN THE SCIENCE DIVISION

Premedical and Predental Programs

All courses required for preparation for medical and dental school are offered at Johnson C. Smith University. A student may major in any area of study, but the Health Careers Committee recommends a major in biology or chemistry. The following courses are required for admittance to most medical and dental schools: biology, two semesters; chemistry (general and organic), four semesters; physics, two semesters. Other specific courses are required to some medical schools. Academic advisors and the Health Careers Committee will aid students in arranging their programs.

Students who complete general education requirements and who are accepted into a medical or dental school at the end of the junior year are eligible to receive the B.S. degree from Johnson C. Smith University upon the successful completion of the freshman year at the medical or dental school.

Premedical Technology

All courses required for admission to a school of medical technology are offered at Johnson C. Smith University. Students who wish to apply to a school of medical technology should have the following:

1. Three years of college (ninety credit hours) with a 3.0 average in the required courses and a 2.5 overall average

2. A minimum of sixteen credit hours in chemistry, which must include organic chemistry
3. A minimum of sixteen credit hours in biology, which must include Biology 143-144, microbiology, and genetics
4. One semester of physics
5. One semester of mathematics above Mathematics 132

Students who successfully complete a year's program at an approved school of medical technology and who meet all of the general requirements at Johnson C. Smith University may receive a B.S. degree from Johnson C. Smith University.

Pre-engineering

Johnson C. Smith University has two programs for pre-engineering studies.

1. A major in mathematics may be expanded to include a concentration in physics and chemistry for the expressed purpose of preparing the student to do graduate work in mathematics and physics or to enroll with advanced standing in a school of engineering.
2. A student with a strong background in mathematics may complete the major part of the concentration in #1 within the three years. The student may then transfer to an accredited engineering school. Students who follow this plan under the advice of the Division of Science and Mathematics are eliglble for a bachelor's degree from Johnson C. Smith University when they obtain a bachelor's degree in engineering from an accredited school. This program includes eight credit hours of chemistry, thirty credit hours of mathematics, twelve credit hours of physics, and the completion of general education requirements.

AEROSPACE STUDIES

Johnson C. Smith University offers the voluntary Air Force Reserve Officers Training Corps (AFROTC) Program in cooperation with UNC at Charlotte within the terms of the existing agreements between member schools of the Charlotte Area Educational Consortium.

The program is available to all students with at least two years of education (undergraduate and/or graduate) remaining. A student incurs no obligations during participation in the Freshman and Sophomore years of Air Force ROTC. Because a position on active duty is programmed for them upon entering the Junior year, students are expected to accept a commission and serve a minimum of four years on active duty if they continue into the final two years of AFROTC. Successful completion of the prescribed requirements leads to commissioning, upon graduation, as a Second Lieutenant in the U.S. Air Force.

Air Force ROTC College Scholarship Program.

Full tuition, books and lab fees, plus $100 monthly tax-free subsistence allowance are available to qualified high school graduates and college freshmen and sophomores for four, three,or two years, respectively, on a selective basis. All students enrolled in the Junior and Senior years of the AFROTC program receive the $100 monthly allowance, whether or not on scholarship.

Freshman Aerospace Studies

AEROSPACE STUDIES 101 **One credit hour**

A study of the doctrine, mission, and organization of the U.S. Air Force; a study of tactical and airlift forces, their mission, function, and employment. FALL SEMESTER.

AEROSPACE STUDIES 102 **One credit hour**

A study of U.S. strategic offensive and defensive forces, aerospace support forces, and a review of Army, Navy and Marine general purpose forces. SPRING SEMESTER.

Sophomore Aerospace Studies

AEROSPACE STUDIES 201 **One credit hour**

An examination of the growth of airpower over the past eighty years by reviewing the various concepts of employment and focusing upon the factors which prompted research and technological change. FALL SEMESTER.

AEROSPACE STUDIES 202 **One credit hour**

A continuation of AS 201 with emphasis on a variety of events and elements in the history of airpower, especially where these provide significant examples of the impact of airpower on strategic thought. SPRING SEMESTER.

Field Training

Two Field Training courses are offered, either of which is to be completed during the summer between the Sophomore and Junior years. One covers a four week period for students in the four year program; the other covers six weeks and is designed for two year program applicants. Transportation, lodging, meals and approximately $150 per week are provided by the Air Force during Field Training.

Leadership Laboratory

Each cadet participates a minimum of one hour per week during every semester of enrollment. Leadership Lab is scheduled at one time only, every Thursday afternoon for the entire cadet corps.

The objective is to provide a laboratory environment where each student receives an opportunity to learn and develop leadership and management abilities. Cadets plan, organize, and carry out the entire cadet program with only minimal guidance from the staff advisors.

Junior Aerospace Studies

AEROSPACE STUDIES 301 **Three credit hours**

Concepts of Air Force Leadership. A study of the meaning of professional responsibilities of the professional officer, the foundations of the military profession, theories of leadership, discipline and human relations. FALL SEMESTER.

AEROSPACE STUDIES 302 **Three credit hours**

Concepts of Air Force Management. Includes principles of and functions of management, Air Force personnel policies, channels of communication, problem solving, quantitative models and simulations, the command-staff team, the subordinate, performance standards, and Air Force controls. SPRING SEMESTER.

Advanced Training Program

Students enrolled in the Junior and Senior years of AFROTC may volunteer to attend a two or three week orientation program at an Air Force base. This is an opportunity to observe and experience the working environment of an active Air Force facility and to obtain specific career information. Transportation, lodging, meals, and approximately $200 per week are provided by the Air Force during participation in this voluntary program.

Senior Aerospace Studies

AEROSPACE STUDIES 401 **Three credit hours**

American Defense Policy. The executive-legislative matrix of our national government is developed and compared with other governmental systems. An analysis of the role and function of professional military officers in a democratic society is stressed. FALL SEMESTER.

AEROSPACE STUDIES 402 **Three credit hours**

Continued development of the fundamentals presented in AS 401 with special emphasis on the role of the junior officer in implementing national policy decisions. Integrated into this curriculum is the development of communicative skills necessary for today's military officer. SPRING SEMESTER.

Flight Instruction Program

Students in their senior year selected for pilot training will be given flight instruction at no cost. Those who complete the 13 hours of instruction and solo may apply this training toward earning their private pilot's license.

Light Aircraft Orientation Program

All advanced cadets can elect to become familiarized with aircraft operations and fly several hours with a local flying service as part of their professional knowledge and advancement. This is a voluntary program at no cost to the student.

OFFICERS OF ADMINISTRATION

Mack L. Davidson, Jr., B.S., M.B.A.	Interim President, Vice President for Business and Financial Affairs
Robert L. Albright, A.B., M.A., Ph.D.	President (July 1, 1983 -)
Ocie P. Harrison, B.S.	Administrative Assistant and Director of Affirmative Action
Sadie S. Forney, A.A.	Secretary to the President
Ellamae S. Harris, B.S.	Secretary to the President's Office

ACADEMIC AFFAIRS

Limone C. Collins, B.S., M.S., Ph.D.	Vice President for Academic Affairs
Wyona Brewington, A.A.	Secretary
Dallie J. Reeder, A.B.	Secretary, Secretarial Services

OFFICE OF ADMISSIONS

Moses W. Jones, B.S.	Director of Admissions
Lillian D. Butts	Secretary
Jodi R. Douglas, B.A.	Admissions Counselor
Wilburn M. Sanders, Jr.	Transfer Advisor

REGISTRAR'S OFFICE

Mary H. Byuarm, B.S.	Registrar
Genevieve L. Kinard	Secretary
Vermelle McManus	Secretary
Daisy M. Timbers, B.S.	Secretary
Shirley P. Twitty, B.S.C.	Assistant Registrar

LIBRARY

Shirley P. Wilkins, B.S., M.S.L.S.	Director
M. Denise Brown, B.S., M.L.S.	Reference Librarian
Ernest L. James, B.A., M.S.	Coordinator, Multi-Media
Barbara A. Knotts, B.S.	Acting, Head, Circulation
Annie C. Lee, B.S., M.A.	Curriculum Materials Center Librarian

Cynthia Maxwell	Library Technician
M. Diane Richardson	Library Technician
Mildred W. Sanders, B.A., M.S.L.S.	Technical Services Librarian
Renee F. Stiff, B.S., M.L.S.	Acquisitions Librarian
Gladys Thompson, A.A.	Library Assistant
Valerie D. Walker	Secretary
Inez M. Parker	PT Director of Archival Center

MARY ERWIN BELK DAY CARE CENTER

Olivia Fullard	Director/Teacher
Elizabeth Blackmon	Teacher
Charlene D. Moore	Food Service
Mary M. Seegars	Teacher

ACADEMIC AND ADMINISTRATIVE IMPROVEMENT

William J. Moressi, B.S., M.S., Ph.D.	Director Data Processing
Dorothy A. Watkins	Programmer
Sharon Brown	Computer Operator
Maggie Johnson	Data Assembler

DEPARTMENTAL SECRETARIES

Mary H. Bailey	Secretary/Laboratory Assistant/ MBRS
Beulah O. Walker	Secretary, Sociology/Social Work
Renea Kirkpatrick	Secretary, English, History/Political Science
Betty A. Petty	Secretary, Urban Studies

WRITING CENTER

Brenda Bilal	Director
Rena Blake	Assistant Director

URBAN STUDIES CENTER

Hattie Leeper	Coordinator of Information and Technical Projects

TECHNICIANS

Linda Staten	Biology Department
Aldriche Watkins	Chemistry Department

DEVELOPMENT

Ray Davis, B.A.	Vice President for Development
Vanessa deS. Bartley, B.A., B.S., M.S.W.	Assistant to the Vice President for Development
Maxine R. Mackins	Secretary/Gift Accountant

INSTITUTIONAL RESEARCH

Vietta E. Neal, B.A., M.A.	Director of Institutional Research
Gloria Russell, A.A.	Secretary/Research Assistant

PUBLIC RELATIONS

Linda Callahan, B.A.	Director of University Relations
Philip J. Busher, B.S.	Sports Information Director
Frances L. Harris, B.A.	Secretary

ALUMNI AFFAIRS

Minnie G. Maxwell, B.S.	Director of Alumni Affairs
Odessa Roseboro, B.S.C.	Administrative Assistant

STUDENT AFFAIRS

Joseph A. Gaston, A.B., M.Div., M.A., Ph.D.	Vice President for Student Affairs
Calvene F. Ross	Secretary

STUDENT LIFE PROGRAMS

Calvin A. Hood, B.A., M.Div., M.A., D.D.	Director, Student Life Programs
Jerry Clark, B.A., M.Ed	Residence Hall Director
Kathleen Cohen, B.S.	Residence Hall Director
Rosa L. Land, B.A., M.Ed.	Asst. Director Student Life Programs (Women)
Lena Cooper, B.A.	Residence Hall Director
Nellie Hill, B.A.	Residence Hall Director
William M. Holmes, B.S.	Residence Hall Director
Vanessa Hood, B.A.	Residence Hall Director
Cleveland C. James, B.A.	Asst. Director, Student Life Programs (Men)
Barbara R. Jones, B.A.	Residence Hall Director
Willie B. Mobley	Secretary
Dianne Strong, B.A.	Residence Hall Director, Head
Alnetha C. West, B.A.	Residence Hall Director, Head
Barbara R. Worthy, B.A.	Residence Hall Director, Head

COUNSELING SERVICES

Lewis C. Dowdy, Jr., B.S., M.S.	Director of Counseling and Testing
Carolyn Conners, B.S., M.S.	Counselor
Isaac L. Fullard, B.S., M.S.	Counselor
Rosa L. Stevenson, A.A.	Secretary

FINANCIAL AID

Rance M. Jackson, B.A.	Director of Financial Aid
Isaac E. Coley, B.S.	Financial Aid Counselor
Carolyn B. Smith, B.S.	Assistant Financial Aid Director
Shirley J. Whitley	Secretary

PLACEMENT

Bertha Green	Secretary
Tammera Roseboro, B.S., M.S.	Assistant to the Director

HEALTH SERVICES

Spencer E. Durante, Jr., M.D.	University Physician
Mary Galmon, L.P.N.	Staff Nurse
Chrysandra N. Halsey, G.N.	Head Nurse
Shirley M. Hayes, L.P.N.	Staff Nurse
Lillie B. Platts	Secretary
Eloise B. Taylor, R.N.	Staff Nurse

STUDENT ACTIVITIES/UNIVERSITY MEMORIAL UNION

Joyce T. S. Crisp, B.A.	Director Union/Student Activities
Amzie Gray, B.A.	Assistant Director
Herbert Gidney, B.S.	Assistant for Programming Night Manager

UPWARD BOUND

Donald E. Bowen, B.S., M.S.W.	Director
Otis Roberson	Counselor
Dorothy Miller	Secretary
Johnsie Grier	Reading Instructor
Lynn Givens	Math Instructor
Sara Willis	English Instructor
Marian Yates	Science Instructor

SPECIAL SERVICES

Vergil A. Hyatt, B.A.	Acting Director/Counselor/ Tutorial/Coordinator
Vickie Houze	Secretary
Carolyn Means, B.A., M.A.	Reading Specialist
Thomas Smallwood	Tutor

BUSINESS AND FINANCIAL AFFAIRS

Mack L. Davidson, B.S., M.B.A.	Vice President for Business and Financial Affairs
Fleta M. Alexander	Accountant
Furness J. Armstead, B.S.	Administrative Officer/ Purchasing Agent
Joseph C. Crosby, B.S.	Assistant to the Vice President for Financial Affairs
Theresa D. Dalton	Cashier
Gladys R. Davis	Acting Personnel Officer
Amy E. Elston, B.A.	Accounting Secretary
Carolyn P. Ford	Accounting Clerk
Louis E. Hayes, B.S.	NDSL Collections/ Accountant
Dorothy C. Hamilton, B.A.	Accounting Clerk
Annie I. Hunter	Clerk
John W. Mack, B.S., M.S.	Comptroller
Mamie Melton	Accounts Receivable

PHYSICAL PLANT

Lonnie T. Parker, B.S.	Physical Plant Director
Joseph T. Majors, B.A.	Inventory and Property Manager
Annie B. Strong	Secretary

BOOKSTORE

Aurelia L. Law, B.S.	Manager, University Bookstore
Bernice W. Spence	Assistant Manager

GENERAL SERVICES

Lessie T. Deavers	Manager, Post Office
Rhonda B. Connelly	Telephone Attendant
Sylvia A. McNair	Assistant Post Office Manager
Kay T. Watts	Telephone Attendant

CAMPUS POLICE

Eugene A. Moore	Director of Campus Police
George E. Williamson	Assistant Director
Vernell J. Belin	Patrolperson II
Melvin N. Brown	Senior Patrolman
Reginald Edghill	Patrolman I
Lewis J. Jackson	Senior Patrolman (semi-retired)
Sammie McCorkle	Patrolman II
Vincent McNeely	Senior Patrolman
Margaret Murray	Patrolperson II
Leanna Rogers	Secretary
Lewis Simpson	Patrolman II
Larry Summers	Patrolman I

JOHNSON C. SMITH UNIVERSITY

ROSTER OF TRUSTEES

Ms. Jennifer Anthony (S)	JCSU Campus Charlotte, NC 28216
Mrs. Marion Cannon (AL)	2010 Stonebridge Lane Charlotte, NC 28210 (704) 366-3536
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Mr. Oliver T. Willis (S)	JCSU Campus Charlotte, NC 28216

AL–At Large
F –Faculty
A –Alumni
S –Student

Trustees Emeriti

Mrs. Dorothy Atkins	301 McMechen Street, #716 Baltimore, MD 21217
Mr. William H. Barnhardt	3600 NCNB Plaza Charlotte, NC 28201
Dr. Melvin Best	930 Milton Street Pittsburgh, PA 15218
Mr. Vance H. Chavis	1311 Marboro Drive Greensboro, NC 27406
Mr. Arthur J. Clement	517 Rutledge Avenue Charleston, SC 29403

OFFICERS OF INSTRUCTION

MACK L. DAVIDSON, JR. (1958) . . . . . .Interim President
(January 1 - June 30, 1983)

B.A. 1955, Johnson C. Smith University
M.B.A. 1958, Atlanta University
Further Study—Temple University 1956, University of Pennsylvania, 1965, 1966

ROBERT L. ALBRIGHT . . . . . .President
(July 1, 1983 -)

A.B. 1966, Lincoln University
M.A. 1972, Tufts University
Ph.D. 1978, Kent State University

LIMONE C. COLLINS (1973) . . .Vice President for Academic Affairs
and Professor of Biology

B.S. 1947, Prairie View A&M University
M.S. 1953, IBID
Further Study—University of Texas, 1954, 1955, 1956, 1957 (summers)
Ph.D. 1961, University of Iowa
Post Doctoral Research 1971, Lawrence Radiation Laboratory and University of California, Berkeley, California

Mary M. Alexander (1978) . . . . . .Instructor of Sociology

B.A. 1971, East Carolina University
M.A. 1975, East Carolina University
Further Study—Social Science Workshop, 1979, 1980 (summers), J. C. Smith University; Computer Science Workshop, March 1980 (5 day Seminar), Bennett College

Shirley G. Anderson (1972) . . . . . .Associate Professor of Psychology
and Department Head

B.A. 1966, Alma College
M.Ed. 1970, University of North Carolina - Chapel Hill
Ph.D. 1972, University of North Carolina - Chapel Hill

Nigel M. Ayton (1962) . . . .Assistant Professor of Foreign Languages

A.B. 1956, Howard University
M.Ed. 1962, University of North Carolina - Chapel Hill
Further Study—Certificat de Francais - Sorbonne, 1957
University of North Carolina - Chapel Hill, Summer 1972

James D. Bass (1969) . . . . . .Associate Professor of Political Science
Division Chairman and Department Head

A.B. 1959, Florida State University
M.A. 1960, Florida State University
Ph.D. 1975, University of Virginia

James E. Bishop (1976) . . . . . .Counselor/Instructor

B.A. 1974, Johnson C. Smith University
M.A. 1976, Bowling Green State University
Further Study—University of North Carolina - Chapel Hill 1978, 1979 (summers)

Annabelle S. Boykin (1980) . . . . . .Professor of Education
B.S. 1950, South Carolina State College
M.S. 1951, Cornell University
Ph.D. 1958, University of Wisconsin
Further Study—New York University, 1961 (summer)

Anise Key Brown (1978) . . . . . .Instructor of Sociology
B.A. 1976, Barber Scotia College
M.A. 1978, Miami University
M.A. 1981, State University of New York at Albany
Further Study—State University of New York candidate for the Ph.D. degree

Charlie L. Butler (1963) . . . . . .Assistant Professor of Music
B.A. 1947, Fisk University
M.A. 1951, Radcliffe College
Further Study—Julliard School of Music, 1950 (summer); University of Kansas City, 1952 (summer); Peabody Conservatory of Music, 1976, 1980 (summers)

Helen T. Caldwell (1975) . . . . . .Instructor of Sociology and Social Welfare
B.A. 1973, Jackson State University
M.S.W. 1974, Rutgers University

Gary L. Callahan (1979) . . . . . .Assistant Professor of Music and Director of Bands
B.M.Ed. 1972, Wittenberg University
M.M.Ed. 1978, University of Michigan
Further Study—University of Michigan, 1978-1979

Dr. Billy R. Candley . . . . . .Associate Professor, Acting Head of Sociology/Social Work Department
B.S. 1969, Bishop College, Dallas, Texas
M.A. 1970, University of Pittsburgh, Pittsburgh, Pennsylvania
Ph.D. 1976, University of Pittsburgh, Pittsburgh, Pennsylvania

Baldeo Kumar Chopra (1973) . . . . . .Associate Professor of Biology Department Head
B.S. 1960, Benares Hindu University
M.S. 1962, Benares Hindu University
Ph.D. 1968, Auburn University

Thomas Collins, Jr. (1975) . . . . . .Instructor of Mathematics
B.S. 1964, Johnson C. Smith University
M.A.T. 1972, Purdue University
Further Study—University of South Carolina, 1982 (summer)

Juanita R. Davidson (1972) . . . . . .Instructor of Social Welfare and Social Work
B.A. 1957, Dillard University
M.S.W. 1959, Atlanta Universtiy

MACK L. DAVIDSON, JR. (1958) . . . . . .Vice President for Fiscal Affairs, Associate Professor of Business/Economics
B.A. 1955, Johnson C. Smith University
M.B.A. 1958, Atlanta University
Further Study—Temple University 1956, University of Pennsylvania, 1965, 1966

Phyllis Worthy-Dawkins (1981) .....Assistant Professor of Health and Physical Education Department
B.S. 1975, Johnson C. Smith University
M.A. 1976, The University of Michigan
Further Study—Ph.D. Program at The Ohio State University (1978-1981)

N. V. Desai (1969) .....Assistant Professor of Economics
B.A. 1963, Sardar Patel University
M.A. 1965, M.S. University
M.E. 1969, North Carolina State University
M.S. 1978, University of South Carolina

Robert H. DeVore (1979) .....Associate Professor of Mathematics and Computer Science
B.S. 1959, University of Illinois
M.S. 1961, University of Arizona
Ph.D. 1964, University of Arizona

Benjamin A. Dias (1978) .....Assistant Professor of Chemistry
B.S. 1969, Interamerican University
M.S. 1975, Atlanta University
D.A. 1980, Atlanta University

Ossibelle B. Dixon (1957) .....Instructor of Physical Education
B.A. 1951, Shaw University
M.S. 1956, North Carolina Central University
Further Study—Belmont Abbey College, 1962; University of North Carolina - Chapel Hill, 1965; Colorado State University, 1966

Andrew J. Drake (1979) .....Instructor of Reading
B.A. 1976, Clark College
M.A. 1978, Atlanta University

Foster T. Drakeford (1951) .....Assistant Professor of Mathematics
B.S. 1950, Livingstone College
M.S. 1953, Howard University
Further Study—North Carolina A & T University, 1950 (summer); Boston University, 1953 (summer); University of Chicago, 1954 (summer); University of North Carolina - Chapel Hill, 1958

Spencer E. Durante, Sr. (1976) .....Professor of Education
B.S. 1939, Shaw University
M.S. 1943, University of Pennsylvania
Ed.D. 1956, University of Pennsylvania
Further Study—Miami University, Ohio, 1970; Dayton University, 1971

Richard Ellis (1982) .....Instructor of Business/Economics
B.S. 1978, The Lindenwood College
M.B.A. 1980, Wake Forest University

George D. Fitzpatrick (1980) .....Assistant Professor of Business/Economics
B.A. 1952, Boston College
M.A. 1958, Seminaire des Jesuites (France)
M.B.A. 1961, Northwestern University
M.A. 1965, Cabringe School of Theology

Albert A. Forgac (1979) . . . . . .Professor of Business and Economics

B.S. 1944, University of Paris
M.S. 1947, University of Paris
M.B.A. 1954, University of London
Ph.D. 1950, University of London
Ph.D. 1974, University of Paris
Further Study—Post-Doctorate Studies University of Paris, 1960; University of London, 1974

Joan D. Forney (1946) . . . . . .Instructor of Education

B.S. 1945, Johnson C. Smith University
M.Ed. 1949, Boston University
Further Study—Boston University, 1959, 1964, 1969 (summers)

Sidney L. Freeman (1958) . . . . . .Assistant Professor of Communication Arts

B.S. 1947, University of Wisconsin
M.A. 1949, Bowling Green State University (Ohio)
Ph.D. 1951, Cornell University

Isaac L. Fullard, II (1981) . . . . . .Instructor of Health and Physical Education

B.S. 1972, Norfolk State University
M.S. 1978, Nova University
Further Study—Florida International, 1980 (summer); Miami Dade Community College, 1980 (summer)

Bessie L. Gage (1977) . . . . . .Instructor of Early Childhood Education

B.S. 1973, South Carolina State College
M.S. 1977, Atlanta University
Further Study—Winthrop College, 1981 (summer)

JOSEPH A. GASTON (1956) . . . . . .Vice President for Student Affairs and Associate Professor of Psychology

B.A. 1949, Johnson C. Smith University
M.Div. 1952, Johnson C. Smith University
M.A. 1960, University of Denver
Ph.D. 1970, Michigan State University

Boyd J. Gatheright (1948) . . . . . .Associate Professor of Mathematics Division Chairperson

B.S. 1946, Knoxville College
M.S. 1948, State University of Iowa
C.A.S. 1974, Weslyan University (Certificate of Advanced Study)

Israel J. Gerber (1970) . . . . . .Professor of Psychology

B.A. 1939, Yeshiva University
M.S. 1940, College of the City of New York
Ph.D. 1950, Boston University
Further Study—University of Chicago, 1976, 1978 (summers); Massachusetts General Hospital, 1980

Edythe R. Grady (1952) . . . . . .Associate Professor of Music
B.S. 1942, Hampton Institute
B.S. 1947, Hampton Institute
M.S.M. 1950, Union Theological Seminary, New York
Professional Diploma, 1966, Columbia University
Further Study—Montana State University, 1963 (summer); University of Puget Sound, 1964 (summer)

Elizabeth M. Graham (1973) . . . . . .Instructor/Counselor
New Doorways Program
B.A. 1963, Claflin College
M.Ed. 1978, Winthrop College

Earl Green, Jr. (1982) . . . . . .Acting Head of Department of
Urban Studies and Community Affairs
and Associate Professor
B.S. 1972, Tennessee State University
M.P.A. 1973, University of Tennessee
Ph.D. 1980, New York University

Ruth L. Greene (1979) . . . . . .Assistant Professor of Psychology
B.S. 1970, Morgan State University
M.A. Michigan State University
Ed.D. 1975, University of Massachusetts
Postdoctoral Research 1981, Center for the Study of Aging and Human Development, Duke University Medical Center

Thurman N. Guy (1979) . . . . . .Instructor/Coordinator
Early Childhood Education Center
B.S. 1976, North Carolina A & T State University
M.A. 1978, North Carolina A & T State University
M.A. 1979, University of Wisconsin - LaCrosse
Further Study—North Carolina A & T State University, 1979 (summer)

Paul H. Hailey (1975) . . . . . .Instructor of English
B.A. 1957, Johnson C. Smith University
Further Study—McCrorey School of Theology, 1959, 1960
M.A. 1972, North Carolina Central University
Further Study—University of North Carolina at Charlotte, 1979-1980 (summers); Atlanta University, 1982 (summer)

Wylie E. Harris (1978) . . . . . .Instructor of Health
and Physical Education Department
and Head Football Coach
B.S. 1963, North Carolina A & T University
M.S. 1971, North Carolna A & T University
Further Study—Duke University, 1971; University of North Carolina at Greensboro, 1973, 1975, 1978

Eugene L. Hermitte (1973) . . . . . .Associate Professor of History
A.B. 1966, Stanford University
Ph.D. 1974, Northwestern University

Deanna S. Highe (1982) . . . . . .Instructor of English
B.A. 1971, Morgan State University
Further Study—Georgia State University, 1975
M.A. 1980, Oakland University

Howard W. Hill (1977) . . . . . .Part-time Instructor of Mathematics
B.S. 1933, Johnson C. Smith University
M.A. 1962, North Carolina Central University
Further Study—Wake Forest University, 1974 (summer); Davidson College, 1969, 1972 (summers)

Ruben L. Hines (1976) . . . . . .Assistant Professor of History
B.A. 1972, Fayetteville State University
M.A. 1973, North Carolina Central University
Further Study—University of North Carolina - Charlotte, 1978 (summer); University of North Carolina - Chapel Hill 1979-1982 (summers)

Calvin A. Hood (1954) . . . . . .Director of Student Life and Assistant Professor of Religion
B.A. 1951, Johnson C. Smith University
B.D/M.Div. 1954, Johnson C. Smith Theological Seminary
M.A. 1959, Boston University
Further Study—Boston University, 1960, 1961 (summers)
D.D. 1975, Interdenominational Theological Center

Ernest L. James (1967) . . . . . .Instructor of Communication Arts
B.A. 1956, Johnson C. Smith University
M.A. 1974, North Carolina A & T University
Further Study—New York Institute of Photography; Atlanta University 1969, 1970 (summers)

Rosalyn J. Jones (1976) . . . . . .Instructor of English
B.A. 1974, Shaw University
M.A.T. 1975, Duke University

Stephen Wayne Joyner (1978 . . . . . .Instructor of Health and Physical Education
Head Women's Basketball Coach
B.S. 1973, Johnson C. Smith University
M.Ed. 1979, Virginia State University

Christopher W. Kemp (1947) . . . . . .Professor of Music and Chairman, Music Department
B.S. 1944, Hampton Institute
M.M. 1947, University of Michigan
Further Study—Eastman School of Music of the University of Rochester, 1950 (summer); University of Michigan, 1951, 1958 (summers); State University of New York at Potsdam, European Music and Art Study Tour, 1953 (summer); School of Sacred Music, Union Theological Seminary, 1960 (summer); University of Minnesota, 1963 (summer); Conservatoire d'Americaines, Fontainebleau, France, 1966 (summer); University of Salzburg, Austria, 1968 (summer); University of Ghana, Accra/Legon, West Africa, 1971 (summer); Indiana University, 1974 (summer)

James R. Law (1949) . . . . . .Professor of Psychology
B.A. 1947, Lincoln University
M.A. 1949, New York University
Ph.D. 1967, Duke University
Further Study—Sarah Lawrence College, 1949 (summer); Beloit College, 1962 (summer); Florida A & M University, 1972 (summer); New York University, 1951-1953 and 1957-1958

Bessie H. Ledbetter (1967) . . . . . .Assistant Professor of English
B.A. 1956, Benedict College
M.A. 1966, Northwestern University
Further Study—University of North Carolina - Charlotte, 1973, 1974, 1975, 1976 (summers)

William E. Lide (1976) . .Assistant Professor, Department Chairman, Health and Physical Education
B.S. 1973, Johnson C. Smith University
M.Ed. 1976, University of North Carolina at Charlotte
Ph.D. 1980, Ohio State University

Roselyn V. Little (1981) . . . . . .Associate Professor of Biology
B.A. 1963, Fisk University
Ph.D. 1974, Michigan State University
Post Doctorial Research 1974-1976, University of North Carolina - Chapel Hill

Julius A. Lockett (1970) . . . . . .Assistant Professor of Business Administration and Economics and Department Head
B.A. 1939, Morehouse College
M.B.A. 1948, Atlanta University
Further Study—Stanford University, 1975

Frank P. Machado (1977) . . . . . .Instructor of Foreign Languages
A.B. 1968, University of North Carolina - Charlotte
M.A. 1969, University of North Carolina - Greensboro

Nay Malloy (1982) . . . . . .Adjunct Professor, Department of Urban Studies and Community Affairs
B.A. 1975, Eckerd College
Special Studies—Ocho Rios, Jamaica, Sevilla, Spain, Berea, Kentucky
J.D. 1979, University of North Carolina - Chapel Hill

Eddie C. McGirt (1957) . . . . . .Associate Professor of Health and Physical Education and Athletic Director
B.A. 1948, Johnson C. Smith University
M.A. 1952, Columbia University

Carolyn L. Means (1976) . . . . . .Instructor/Special Services
B.A. 1974, Johnson C. Smith University
M.A. 1979, University of North Carolina - Charlotte

Maxine F. Moore (1965) .....Acting Head, Department of English
Assistant Professor of English
and Director of Freshman/Sophomore Studies

B.A. 1965, Johnson C. Smith University
M.A. 1969, University of North Carolina
Further Study—St. John's College, 1973 (summer); Emory University 1974-1977 (Doctoral Candidate)

Robert D. Moore (1978) .....Instructor of Mathematics
and Head Basketball Coach

B.S. 1962, Virginia Union University
M.S. 1967, North Carolina A & T University

Barbara H. Moran (1974) .....Associate Professor of
Communication Arts
and Department Head

B.A. 1957, College of the Holy Names
M.A. 1966, Catholic University of America
Ph.D. 1976, Catholic University of America
Further Study—Marquette University, 1958 (summer); Gonzaga University, 1960 (summer); Dominican College, 1962 (summer); University of Birmingham, 1977 (summer); University of North Carolina - Charlotte, 1982 (summer)

Appavoo Perumal (1968) .....Associate Professor of Physics

B.S. 1958, Annamalai University
M.S. 1962, Annamalai University
Ph.D. 1966, Annamalai University
Further Study—Post Doctoral work—University of South Carolina, 1967-1968; Case Western University, 1970 (summer); Argonne National Laboratory, 1973 (summer)

Rufus G. Pettis (1965) .....Professor of Mathematics
and Department Head

B.S. 1958, Benedict College
M.S. 1963, Atlanta University
Ed.D. 1969, Oklahoma State University
Further Study—Kansas State University, 1960; University of North Carolina, 1967

Devia P. Phinisee (1978) .....Instructor of Religion and Philosophy
Coordinator of Religious Life

B.A. 1973, Johnson C. Smith University
M.Div. 1976, Interdenominational Theological Center - Atlanta
Further Study—University of North Carolina - Charlotte, 1979 (summer)

Kenneth S. Powell (1969) .....Assistant Professor of Health
and Physical Education,
Assistant Football Coach,
Assistant to the Athletic Director

A.B. 1943, Johnson C. Smith University
M.S. 1950, New York University
Further Study—New York University 1951-1954 (summers)

P. T. Radcliffe (1982) . . . . . .Associate Professor of Foreign Languages and Acting Department Head

A.B. 1965, Morgan State College
Further Study—Faculte des lettres - Aix-en-Provence, France, 1965-1966
M.A. 1969, University of New Mexico
Ph.D. 1974, University of Wisconsin - Madison

Flossie F. Rann (1973) . . . . . .Associate Professor of Foreign Languages

A.B. 1963, Howard University
M.A. 1966, Howard University
Further Study—Certificat de cours pratique, 1966
Ed.D. 1974, Columbia University

Charles E. Ray (1979) . . . . . .Assistant Professor of English
B.A. 1965, Western Carolina University
M.A. 1971, Appalachian State University
D.A. 1974, Middle Tennessee State University

Patsy E. Rice (1977) . . . . . .Part-time Instructor of English
B.A. 1969, Johnson C. Smith University
M.Ed. 1974, University of North Carolina - Charlotte

Charles D. Rogers (1972) . . . . . .Assistant Professor of Communication Arts

B.F.A. 1964, California State University
M.A. 1971, Ohio State University
M.F.A. 1977, University of North Carolina

Luther L. Ross (1979) . . . . . .Assistant Professor of Accounting
B.S. 1972, Gardner-Webb College
M.A. 1978, Western Carolina University
M.B.A. 1978, Western Carolina University
Further Study—Appalachian State University, 1977; Citadel Military Academy, 1964

Huey M. Rowe-Anderson (1971) . .Associate Professor of Chemistry
B.S. 1963, Union College
M.S. 1966, University of Nebraska - Lincoln
Ph.D. 1971, University of Nebraska - Lincoln
Further Study—University of Wisconsin - Madison, 1969-1970

Henry F. Russell (1979) . . . . . .Associate Professor of Chemistry and Department Head

B.S. 1963, University of Delaware
M.S. 1965, University of Delaware
Ph.D. 1973, University of Virginia

Leroy T. Sellers (1975) . . . . . .Part-time Instructor of Music
B.S. 1960, Tennessee A & I State University
M.A. 1972, University of Connecticut
Further Study—University of Wisconsin, 1973; Michigan State University, 1974-1975

Moses Stanley Sharpe (1962) . . . . . .Assistant Instructor of Health and Physical Education Department, Assistant Football Coach

B.S. 1961, Johnson C. Smith University
Further Study—North Carolina A & T State University, 1972-1974 (summers)

Charles Simmons . . . . . .Part-time Instructor of Business Administration

B.A. 1978, North Carolina A & T State University
C.P.A. 1980, North Carolina

Horace Small (1979) . . . . . .Instructor of Physical Education

B.S. 1968, Shaw University
M.Ed. 1970, Florida A & M University
Further Study—University of Delaware, 1973 (summer)

Pina S. Studivant (1978) . . . . . .Assistant Professor of Communication Arts

B.A. 1959, West Texas State University
M.A. 1965, University of Texas - Austin
M.A. 1973, West Texas State University
Ph.D. 1977, University of Texas - Austin
Further Study—University of Oklahoma, 1962 (summer); Stanford University, 1967 (summer); San Diego State University, 1974 (summer); Duke University, 1981 (summer)

Percial M. Thomas (1975) . . . . . .Assistant Professor of History

B.A. 1954, Virginia Theological Seminary and College
B.A. 1958, Virginia Union University
M.A. 1962, Teachers College, Columbia University
Ph.D. 1979, University of Virginia
Further Study—Michigan State University, 1965 (summer); Russell Sage College, 1968 (summer)

Joseph W. Turner (1976) . . . . . .Assistant Professor of English

B.A. 1972, Davidson College
M.A. 1975, Emory University
Ph.D. 1976, Emory University
Further Study—The School of Criticism and Theory, 1978 (summer); University of California - Irvine

Bettye C. Walker (1967) . . . . . .Instructor of Music

B.A. 1962, Talladega College
M.A. 1967, University of Iowa

Leslie W. Wilson (1981) . . . . . .Associate Professor of Biology

B.S. 1946, University of Kentucky - Lexington
M.S. 1949, University of Tennessee - Knoxville
Ph.D. 1971, University of Tennessee - Knoxville

James P. Wooten (1982) . . . . . .Associate Professor - Department of Urban Studies and Community Affairs

B.A. 1964, Brooklyn College
M.A. 1969, Long Island University
Further Study—University of Ghana, 1969 (summer)
Ph.D. 1982, Columbia University

Hampton Wright (1958) . . . . . .Associate Professor of Mathematics and Computer Science, Acting Department Head

B.S. 1956, Benedict College
M.S. 1959, Howard University
Ph.D. 1973, North Carolina State University
Further Study—University of North Carolina - Charlotte, 1977

PART-TIME FACULTY
FALL SEMESTER
1982-83

Mr. Gordon T. Cureton, M.F.A.—Business Administration/Economics Department

Ms. Rosa Foust, M.S.—English Department

Mr. John W. Mack, M.S.—Business Administration/Economics

Rev. Isaiah Phinisee, M.Div.—English (Religion) Department

Dr. Eugene Randall, Ph.D.—English (Religion) Department

Ms. Violet G. Washington, M.S.—Biology Department

Mr. Richard Wilson, M.Ed.—Mathematics Department

DEGREES—MAY, 1981

BACHELOR OF ARTS

Summa Cum Laude

Sandra Manetta Aiken ..... Charlotte, N. C.
Cynthia Peterson Walls ..... Clinton, N. C.

Magna Cum Laude

Sherri Letitia Bynum ..... Rocky Mount, N. C.
Audrey Miller ..... Augusta, Ga.
Janice Faye Squirewell ..... Winnsboro, S. C.

Cum Laude

Margaret Elizabeth Chambers ..... Woodleaf, N. C.
Charles Tyrone Couch ..... Charlotte, N. C.
John Chukwuemeka Egbuchulam ..... Owerri, Nigeria
Esther Lynn Grimball ..... Charleston, S. C.
Deborah Anita Hamer ..... Goldsboro, N. C.
Roy Louis Henry ..... Charlotte, N. C.
Jennifer Anita Jackson* ..... Sedalia, N. C.
Joyce Renee Jackson ..... Washington, D. C.
Sondra Renee Jackson ..... Asheville, N. C.
Sarah Elaine Jenkins ..... Charleston, S. C.
Arlene Denise Johnson ..... Durham, N. C.
Adrianne Yvette Jones* ..... Pendleton, S. C.
Anthony Sunday Joseph ..... Degema, Nigeria
Janice Alfreda Lesane ..... Mayesville, S. C.
Laverne Legare Long ..... Charlotte, N. C.
Dwight Smith Miller ..... Charlotte, N. C.
Darlene Price ..... Athens, Ga.
Fernanda Gale Tate ..... High Point, N. C.
Cheryl Denise Wilson ..... Mayesville, S. C.

BACHELOR OF ARTS

Joanne Marie Abrams ..... Charlotte, N. C.
Anita Lynn Alexander ..... Kings Mountain, N. C.
Angela Rose Alston ..... Charlotte, N. C.
Nancy Antoinette Anderson ..... Charleston, S. C.
Donna Marie Bailey ..... Walnut Cove, N. C.
Donald L. Bell ..... Marion, S. C.
Stanley David Berry* ..... Washington, D. C.
Loretta Berryman ..... Olivia, N. C.
Barbara Ann Bradley ..... Charleston, S. C.
Rosemary Nell Bradley ..... Charleston, S. C.
Dennis Kelvin Branch ..... LaGrange, N. C.
Kenneth James Brown ..... New York, N. Y.
Cheryl Antionette Buchanan ..... Washington, D. C.
Richard Butler ..... Charlotte, N. C.
Cynthia Laverne Byrd ..... Greensboro, N. C.
Patricia Ann Carr ..... Greenville, N. C.
Alan Edward Clipper ..... Washington, D. C.
James Edward Coleman ..... Laurens, S. C.

Otmar Luvia Delaney ..... New York, N. Y.
Cathy Elizabeth Dillard ..... Eden, N. C.
Valarie Lakenia Duren ..... Lynchburg, S. C.
William Charles Forney, II* ..... Charlotte, N. C.
Debra Ann Fox ..... Sanford, N. C.
Vangela Thompson Freeman* ..... Charlotte, N. C.
Lydia Sharon Garrett ..... Columbia, S. C.
Teri Nadene Gilmore ..... Bessemer City, N. C.
Brenda Teresa Grant* ..... Martinsville, Va.
Maureen Annette Gray ..... Willow Grove, Pa.
Lauryetta Francina Greene* ..... Roxboro, N. C.
Denise Devella Gregory ..... Elizabeth City, N. C.
Richard Lewis Hailey ..... Martinsville, Va.
Valerie Denise Haynie* ..... Philadelphia, Pa.
Shirley Ann Hunt* ..... Charlotte, N. C.
Kevin Craig Ingram* ..... Winston-Salem, N. C.
David Anthony Jacobs ..... Washington, D. C.
Toni Carol Jasper ..... Long Island, N. Y.
Lorraine Jones* ..... Charlotte, N. C.
Melvin Lewis Kilgore ..... Philadelphia, Pa.
Pshawn Caprice Rogers Lane ..... Miami, Fla.
Darryl Edward Leach ..... Charlotte, N. C.
Thomas Anthony Lindsey ..... Nashville, N. C.
Robert Lee Mackey ..... Monroe, N. C.
Barbara Jean Massey ..... Gastonia, N.C.
Sarah Virginia McCoy ..... Kershaw, S. C.
Richard Edison McNeill ..... Charlotte, N. C.
Gwendolyn Middleton ..... Columbia, S. C.
Ronald Bruce Mitchell ..... Greenville, S. C.
Dorothy Mae Monroe ..... Fayetteville, N. C.
Carlyne Montes ..... Newton Grove, N. C.
Betty Montgomery ..... Laurens, S. C.
Valerie Denise Moore* ..... Charlotte, N. C.
James Herbert Nelson, II ..... Orangeburg, S. C.
Robert Allen Owens ..... Chester, S. C.
Lisa Mylene Patterson* ..... Baltimore, Md.
Anderia Denise Peeler ..... Lawndale, N. C.
Gracie Ann Pemberton ..... High Point, N. C.
Lisa Mary Pina ..... Tinton Falls, N. J.
LaVerne Pinckney ..... Bamberg, S. C.
Mildred Delores Ray* ..... Laurens, S. C.
Ricky Roberson* ..... Winsdor, N. C.
Catherine Victoria Roberts ..... Salisbury, N. C.
Curtis Shepard* ..... Bronx, N. Y.
Thomas Earl Eugene Simpson ..... Gastonia, N. C.
Teressa Dianne Stewart* ..... Sparta, Ga.
Paul Lawrence Stoney* ..... Jamaica, N. Y.
Otis Franklin Stroud ..... Rock Hill, S. C.
John Auther Sullivan ..... Greenville, S. C.
Donald Cortez Thomas, Jr. ..... Winston-Salem, N. C.
Angela La'Bern Thompson ..... Rock Hill, S. C.
Cori Nino Trotman ..... Waterbury, Conn.
Joseph Berkol Gunlar Weanquoi ..... Nimba, Liberia
Robyn Dale Webb ..... Columbia, S. C.
Debra Ann Woods ..... Cleveland Ohio

BACHELOR OF SCIENCE

Cum Laude

Valerie Lynn Addison ..... High Point, N. C.
Barbara Jean Brooks ..... Roxboro, N. C.
Sylbria Valgene Brown* ..... Reidsville, N. C.
Cheryl Leatrice Costen ..... Atlanta, Ga.
Jack Sterling Dula ..... Charlotte, N. C.
Lisa Liberty Durmo ..... Bronx, N. Y.
Albertha Hilton ..... Summerton, S. C.
Steven Andre Jarrett ..... Philadelphia, Pa.
Mark Anthony Laney ..... Chapel Hill, N. C.
Ricky Dean Lewis ..... Rocky Mount, N. C.
Aleta Ethelyn Nesbitt ..... Washington, D. C.
Kenneth Elton Newsome ..... Lanham, Md.
Frances Cornelia Parrish ..... Charlotte, N. C.
Stephen Columbus Pitts ..... Laurens, S. C.
David Maurice Reid ..... Hollis, N. Y.
Tammie Jo Sampson ..... Clinton, N. C.
Sheila Joyce Smith* ..... Bennettsville, S. C.
Willis Ivy Thomas ..... Lilesville, N. C.
Quanda Renee Turner ..... Hillsborough, N. C.
Christine Whitted ..... Elizabethtown, N. C.
Melba Lauretta Wooten ..... Maysville, N. C.

BACHELOR OF SCIENCE

Raymond Edward Barksdale ..... Baltimore, Md.
Joseph Craig Barlow ..... Atlanta, Ga.
Gloria Denise Bowen ..... Greenville, S. C.
Cherrita Jeanette Bratton* ..... Gastonia, N. C.
Debra Mae Burney ..... Burlington, N. C.
Booker Tee Carlisle, Jr. ..... Washington, D. C.
Sean Cornelius Cherry ..... Washington, D. C.
Jeffrey Charles Coan ..... Philadelphia, Pa.
Wyvonnie Devois Cobb ..... Fountain, N. C.
Orlando Keith Croom ..... Dudley, N. C.
Richard Henry Darby, Jr.* ..... Camden, S. C.
Reginald Herman Dean ..... Due West, S. C.
Cynthia Paulette Eckles ..... Effingham, S. C.
Marcella Elaine Ellis ..... Donalds, S. C.
Billy Leonard Evans ..... Clinton, N. C.
Cal Lavon Gill ..... Knoxville, Tenn.
Ronald Earl Green ..... Orangeburg, S. C.
Angela Lynn Hairston ..... Walnut Cove, N. C.
Herman Shaun Hardin ..... Chicago, Ill.
Trula Ephania Hearne ..... Gold Hill, N. C.
Dennis Ray Hicklin ..... Silver Spring, Md.
Julia Ann Hobgood ..... Oxford, N. C.
Tyrone Ernest Holland ..... Washington, D. C.
Patricia Ann Hough ..... McBee, S. C.
Donna Rachelle Johnson ..... Columbia, S. C.
Willie Ease Johnson ..... Seneca, S. C.
Jacqueline Lanier ..... Columbia, S. C.

James Gregory McCray ..... Sumter, S. C.
Cheryl Evelina McMillan ..... Charlotte, N. C.
Dorothy Cates Melton* ..... Spartanburg, S. C.
Marilyn Deloris Mitchell* ..... Charleston, S. C.
David Milton Motley ..... Charlotte, N. C.
David Mwisya Ndeti* ..... Aihi River, Kenya
Kenneth Jerome Oglesby ..... High Point, N. C.
Walter Ohalete ..... Owerri, Nigeria
Irene Kilete Osadolor ..... Syrulere, Nigeria
Donna Marie Pendergrass ..... Charlotte, N. C.
Vereda Pridgen ..... Ivanhoe, N. C.
Donald Quarles ..... Columbia, S. C.
Tammye LaMont Raynor ..... Goldsboro, N. C.
Laverne Joann Richardson ..... Ravenel, S. C.
Emmett Bernard Shipp ..... Charlotte, N. C.
Ralph Simmons ..... Charlotte, N. C.
Linda Elaine Simpkins* ..... Philadelphia, Pa.
Edith Simpson ..... Big Stone Gap, Va.
Donna Regina Smith ..... Columbia, S. C.
Miles Odell Smith ..... Charlotte, N. C.
Benjamin Lee Spratlin ..... Atlanta, Ga.
Edward LeVan Toney ..... Roosevelt, N. Y.
Donna Elmira Washington ..... Philadelphia, Pa.
Donna Maria West ..... Charlotte, N. C.
Kathy Lynn Williams ..... Durham, N. C.
Daisy Alice Wilson ..... Meggett, S. C.
Tony Maurice Womble* ..... Durham, N. C.

BACHELOR OF SOCIAL WORK

Cum Laude

Juanita Georgette Gilmore ..... Bessemer City, N. C.
Fredrick Little ..... Jackson Spring, N. C.
Joyce Ann Williams ..... Gray Court, S. C.

BACHELOR OF SOCIAL WORK

Clara Jackson Garvin ..... Gastonia, N. C.
Robert Quiland Gordon ..... Fayetteville, N. C.
Joyce Cecelia Merritt ..... Greenville, S. C.
Elsie Daytonia Moore ..... Winston-Salem, N. C.
Dorothy Overby ..... Lillington, N. C.

**Fall Semester, 1980*

HONORARY DEGREES
1981

Doctor of Laws
Judge Richard C. Erwin
Attorney David A. Cort

Doctor of Humane Letters
Dr. Harold N. Stinson
Dr. William A. McMillan

DEGREES—AUGUST, 1981

BACHELOR OF ARTS

Cum Laude

Babette Marie Lawrence ..... Brooklyn, N. Y.

BACHELOR OF ARTS

Miriam Evette Alston ..... Atlanta, Ga.
Anthony Eugene Bevel ..... Jacksonville, Fla.
Wadene Sandra Bryant ..... Atlanta, Ga.
Sherone Faye Chaney ..... Danville, Va.
Kenneth Gatewood ..... Charlotte, N. C.
Jo Anna Iverson ..... Graham, N. C.
Pamela Jeanetta Jinwright ..... Wilmington, N. C.
Bosie Kimber ..... Phenix, Al.
Timothy Lee Logan ..... Blairs, Va.
George Javaughn Nelson, Jr. ..... Camden, S. C.
Harold Robinson ..... Bamberg, S. C.
Samuel Michael Stover ..... Buffalo, N. Y.
O. W. Sullivan ..... Barnwell, S. C.
Olyneitha Elaine Thomas ..... Charlotte, N. C.

BACHELOR OF SCIENCE

Cum Laude

Linda Diane Christian ..... Richmond, Va.
Lou Pearl Johnson ..... Charlotte, N. C.

BACHELOR OF SCIENCE

Evangeline Hope Adams ..... Baltimore, Md.
Norman Hugh Adams ..... Upper Marlboro, Md.
William Gregory Bowen ..... Rocky Mount, N. C.
Trussie Lee Bristow ..... Mullins, S. C.
Dencye Tate Clark ..... Charlotte, N. C.
Victor DeRham Cole ..... Jacksonville, Fla.
Gabriel Reginald Duncan ..... Monrovia, Liberia, W. A.
Jane Michelle Blackwell Kizer ..... Charlotte, N. C.
James Henry Miller ..... Charlotte, N. C.
Lauren Eugene Parrott ..... Darlington, S. C.
Gloria Jean Peterson ..... Sumter, S. C.
Rosa Merie Rivers ..... Cheraw, S. C.
Linda Michele Simms ..... Richmond, Va.
Cathy Reemell Simpson ..... Pendleton, S. C.

Richard Edsel Stewart ..... Winston-Salem, N. C.
Weaver Knotts Thomas ..... Lilesville, N. C.
Larry Earl Warren ..... Washington, N. C.

BACHELOR OF SOCIAL WORK

Carolyn Ann Barber ..... Charlotte, N. C.
Robin Diane Jeffers ..... Roxboro, N. C.
Yvonne Louise Wright ..... Charleston, S. C.

DEGREES—MAY, 1982

BACHELOR OF ARTS

Magna Cum Laude

Vivian Ann Byrd ..... Raleigh, N. C.
Odyssey Leach ..... Rowland, N. C.

Cum Laude

Jewel Yvette Alston ..... Awendaw, S. C.
Elizabeth Ann Blackmont ..... Charlotte, N. C.
Willie Bodrick ..... Orangeburg, S. C.
Rhonda Denise Bridges ..... Rocky Mount, N. C.
Rosa Lavon Davis ..... Winnsboro, S. C.
Alice Mae Evanst ..... Charlotte, N. C.
Renee Nacole Hathman*† ..... Los Angeles, Cal.
Reginald Keith Jackson ..... Pinehurst, N. C.
Gail Antoinette McFadden ..... Sumter, S. C.
Horace Wellin Nichols, Jr.* ..... Charlotte, N. C.
Stanette Adrienne Pinnix ..... Burlington, N. C.
Willie Tesreau Smith, III ..... Greenville, S. C.
Donald Sangster Watson ..... Brooklyn, N. Y.
Meta Renee Wiliams ..... Washington, D. C.
Robert Shavaux Woodst ..... Charleston, S. C.

BACHELOR OF ARTS

Vonnie Denise Anderson ..... Winnsboro, S. C.
Shyvonne Thyphinia Atchison* ..... Great Falls, S. C.
Norman Leon Banks* ..... Philadelphia, Pa.
Denise Renee Bennett† ..... Beachwood, Ohio
Ecclesiastes Brandon† ..... Henderson, N. C.
Pedro Juan Buck* ..... Hollywood, S. C.
Carolyn Denise Burns ..... Winston-Salem, N. C.
Bobbie Jean Bush*† ..... Belzoni, Miss.
Rodney Charles Clark ..... Washington, D. C.
Fame Cordaye Clayt ..... Anderson, S. C.
Veronica Catherine Connell ..... Barbados, West Indies
Monica Annette Dawkins ..... Charlotte, N. C.
Larry Donnell Disher† ..... Orangeburg, S. C.
Prenabo Kitchner A. B. Duke ..... Port-Harcourt, Nigeria
Lee Allen Dunn* ..... Washington, D. C.
Cynthia Marie Fordham*† ..... Mt. Pleasant, S. C.
Charlie Wilford Fuller, Jr.† ..... Cedar Grove, N. C.
Darlene Jonel Glidewell ..... Ridgewood, N. J.

Johnie Christopher Goodlett† ..... Moore, S. C.
Wanda Renee Griffin*† ..... Greenville, S. C.
Donna Arlene Hall*† ..... Wilmington, N. C.
Johnny Denarrell Hall ..... Atlanta, Ga.
Richard Curtis Kippling Harkness ..... Columbia, S. C.
Roderick Gilmore Harrison ..... Winston-Salem, N. C.
Wyomia Genora House* ..... Charlotte, N. C.
Audrey Lynn Hunter ..... Anderson, S. C.
Martha Gayle Jackson† ..... Gastonia, N. C.
Shelia Ann Jeffers ..... Roxboro, N. C.
Andrea Rochelle Johnson ..... Columbia, S. C.
Inetta Louise Johnson*† ..... Durham, N. C.
Eva Vanessa Justice ..... Durham, N. C.
Teresa Ann Kale ..... Darlington, S. C.
Brenda Paula Lewis† ..... Greenwood, S. C.
Shelia Rena Lewis ..... Columbia, S. C.
Jeffrey David Mahan ..... Martinsville, Va.
Dalene Kay Meadows† ..... Gastonia, N. C.
Linda Kay Mims† ..... Laurens, S. C.
Blanche Melvenna Odom ..... Bamberg, S. C.
Larcell Oliver ..... Leesburg, Va.
Dyrol Byron Prioleau ..... Lawnside, N. J.
Frank Edwin Reid ..... Charlotte, N. C.
Lauren Elvira Reid ..... Hollis, N. Y.
Cynthia Elaine Resper ..... Rocky Mount, N. C.
Darcel Denise Richmond ..... Charlotte, N. C.
Bobbie Marie Roberts† ..... Kinston, N. C.
Deborah Layvonne Roberts ..... Fairmont, N. C.
Vickie Denise Rowe*† ..... Newnan, Ga.
Terri Lynne Rylander ..... Philadelphia, Pa.
Gregory Bernard Smith* ..... Danburg, Ga.
Peter Irvin Smith, Jr. ..... Mt. Clemens, Mich.
Gaile Renee Sneed ..... Oxford, N. C.
Blanche Eula Talley* ..... Gaffney, S. C.
Gary Jerome Terry ..... Danville, Va.
Kathy Anita Thomas ..... Washington, D. C.
Edna Joyce Timmons ..... High Point, N. C.
Pamela Noreen Tinson ..... Washington, D. C.
Angel Renee Townsend ..... Kernersville, N. C.
Roslyn Maria Vincent*† ..... Salisbury, N. C.
Johnny Gene Warren ..... Buffalo, N. Y.
Cherylynn Weston* ..... Navassa, N. C.
Robert Earl Williams, Jr. ..... Washington, D. C.
Sheila Laverne Williams ..... Washington, D. C.

BACHELOR OF SCIENCE

Summa Cum Laude

Lillian Ruth Thompson ..... Carlisle, S. C.

Magna Cum Laude

Artis Leteael Winston ..... Raleigh, N. C.

Cum Laude

Jackie Elaine Bellamy ..... Charlotte, N. C.
Charmaine Cammack ..... New Bern, N. C.
Antoinette Dixon ..... Hartsville, S. C.
Melody Reginia Donald ..... Columbia, S. C.
Theresa Jean Gaston ..... Washington, D. C.
James Henry Harris, Jr. ..... Goldsboro, N. C.
Debra Eyvonne Howell* ..... Kings Mountain, N. C.
Brenda Joyce Jones ..... Washington, D. C.
Anthony McQueen ..... Bronx, N. Y.
Ignatius Ihema Nwaiwu ..... Charlotte, N. C.
Patricia Ann Peek ..... East Spencer, N. C.
Roderick Lenel Sanders* ..... Smithfield, N. C.
Perry Edmund Solice, Jr. ..... Clinton, N. C.
Phyllis Tucker ..... Washington, D. C.
Terre Lezette Watson ..... Charlotte, N. C.

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Evelina Denise Adams ..... Morehead City, N. C.
Gina Gerosa Allen ..... Amityville, N. Y.
Phyllis Louvina Battle ..... Lenoir, N. C.
Pearl Elaine Beane ..... Richmond, Va.
Marvin Jaye Boyd ..... Chester, S. C.
Micheal Anthony Buck* ..... Hollywood, S. C.
Dannetta Gail Caldwell ..... Charlotte, N. C.
Vincent Taylor Carpenter ..... Charlotte, N. C.
Ronald Everett Cherry ..... Charlotte, N. C.
William Carl Clark ..... Asheville, N. C.
James Bryant Coaxum ..... Charleston, S. C.
Hilton Norris Cobb ..... Fountain, N.C.
Larry Commander ..... Lynchburg, S. C.
Katherine Julia Curtis ..... Springfield, Mass.
Robert Norman Davis, Jr.* ..... Buffalo, N. Y.
Joanne Marie Donaldson ..... Washington, D. C.
Spencer Mozelle Drummond ..... Winston-Salem, N.C.
Ray Roscoe Ellis, Jr. ..... Atlantic City, N. J.
Yusef D'Rone Fite ..... Utica, N. Y.
Theol Antonio Fleming ..... Salisbury, N. Y.
Nadine Yvette Ford ..... Madison Heights, Va.
Ronald Eugene Francis ..... Hartford, Conn.
George Massey Fulwood ..... Charlotte, N. C.
James Henry Hairston, Jr. ..... Welch, W. Va.
Cheryl Denise Hardin ..... Rock Hill, S. C.
Yvette Hillarine Henry ..... Fredricksted, St. Croix
Anthony Herring ..... Newburgh, N. Y.
Howard Bernard Ijames ..... Charlotte, N. C.
Pearl Beatrice Wilson Ingram ..... Baton Rouge, La.
Reginald Orlando Jackman ..... Brooklyn, N. Y.
Alison Denise Jackson ..... High Point, N. C.
Lynda Yvonne Jessup ..... Kernersville, N.C.
Rhonda Renee Jones ..... Gray Court, S. C.
Shelia Sandra Jones ..... Medford, N. Y.
Chalmers David Lowery, II* ..... Pageland, S. C.
Louis Leonard Lowery ..... Winton-Salem, N. C.
Iantha Jane Maness ..... Kannapolis, N. C.
Lonnie James Manley ..... Mt. Olive, N. C.
Gary Leonard McFadden ..... Sumter, S. C.

DuPont McWhite ..... Florence, S. C.
Ophelia Laverne Milling ..... Winnsboro, S. C.
Gregory Moreland Motley ..... Charlotte, N. C.
Carolyn Laverne Murray ..... Yonges Island, S. C.
Gregory James Newell ..... Buffalo, N. Y.
Vanessa Faye Nicholson ..... Kinston, N. C.
Emmanuel Maduagonye Osikpa ..... Imo State, Nigeria
Terry Anthony Peterson ..... Bladenboro, N. C.
Eric Lionel Petree ..... New York, N. Y.
Reginald Thomas Pincham ..... Jamaica, N. Y.
Francis Emery Proctor ..... Brandywine, Md.
Patrice Darlette Rice ..... Winston-Salem, N. C.
Stanley Kendall Rivers ..... Meggett, S. C.
William Lee Roberts ..... Winton-Salem, N. C.
Janice Gwendolyn Sanker ..... Washington, D. C.
Carolyn Rena Simmons ..... Charleston, S. C.
Larry Donnell Staley ..... Charlotte, N. C.
Jeffrey Joe Steele ..... Mt. Gilead, N. C.
Natalie Anne Stockton ..... Reidsville, N. C.
Nancy Ann Stokes ..... Charlotte, N. C.
Benjamin Franklin Sudderth, Jr.* ..... Charlotte, N. C.
Wanda Faye Sutton ..... Charlotte, N. C.
Debra Diane Thompson ..... Sumter, S. C.
Ronnie Alan Thompson ..... Camden, N. J.
William Henry Tibbs, Jr. ..... Elmsford, N. Y.
Cheryl Dannette Tripp ..... Morehead City, N. C.
Graylon Lee Wallace ..... Charlotte, N. C.
Tanya Annette Waller ..... New Haven, Conn.
Ralph Graves Williams ..... Charleston, S. C.
Oliver Timothy Willis ..... Roebuck, S. C.
Susie Patricia Wynn ..... Rocky Mount, N. C.

BACHELOR OF SOCIAL WORK

Cum Laude

Kathryn Lucille Byrd ..... Charlotte, N. C.
Cathy Elaine Mitchell ..... Charlotte, N. C.

BACHELOR OF SOCIAL WORK

Zanderner Sylmer Anderson ..... Georgetown, S. C.
Angela Kaye Boyce ..... High Point, N. C.
Valjean Levern Byrd ..... Winston-Salem, N. C.
Shelley Jeane Crone ..... High Point, N. C.
Jean Ethel Dawson ..... Goldsboro, N. C.
Cathy Ann Graves ..... Graham, N. C.
Leroy Alexandria Harden ..... Seat Plesant, Md.
Cathy Patrice Hines ..... Rocky Mount, N. C.
Vanessa Rose Jones ..... Midway Park, N. C.
Jerome Allen Myers ..... Orangeburg, S. C.
Steve Pate ..... Monroe, N. C.
Rosie Joann Stockton ..... Mt. Ulla, N. C.

Fall Semester, 1981
†*Teacher Education*

HONORARY DEGREES
1982

Doctor of Humane Letters
John Thomas Fielder
Lou Rawls

Doctor of Science
Hubert Albert Eaton
Emery Louvelle Rann

First Trustee Merit Award
Mrs. Fannie L. Hargrave

DEGREES—JULY, 1982

BACHELOR OF ARTS

Clyde Edward Austin ..... Barnwell, S. C.
Judiet Vontella Cooper ..... Kingstree, S. C.
James Cecil Ennett, Jr. ..... Stanley, N. C.
Jacquelyn Elaine Forney ..... Charlotte, N. C.
Sonya Gail Kirksey ..... Charlotte, N. C.
Roy Joe Lee ..... Charlotte, N. C.
Felicia Ann Majors ..... Greenville, S. C.
Viola Antoinette McCullough ..... Greenville, S. C.
Theodore Milford Purdie ..... Jamaica, N. Y.
Marier Antoniette Shields ..... Southern Pines, N. C.
Louis Simmons, Jr. ..... Washington, D. C.
Thomas Joseph Sligh, III ..... Greenville, S. C.
Lorraine Ophiela Smith ..... Sumter, S. C.

BACHELOR OF SCIENCE

Cum Laude

Dorothy Laverne Morrow ..... Charlotte, N. C.
Susie Sanders Page ..... Charlotte, N. C.

BACHELOR OF SCIENCE

Gibson Dornu Barika ..... Nigeria, West Africa
James Boykin, Jr. ..... North Babylon, N. Y.
Arnita Louise Carter ..... Atlanta, Ga.
Levi Courtney, Jr. ..... Cocoa, Fla.
Derrick Antonio Eckles ..... Effingham, S.C.
Sharon Denise Gober ..... Shelby, N. C.
Roxann Louvenia Harris ..... Washington, D. C.
Joseph Thomas Johnson ..... Charlotte, N. C.
Donella Faye McBride ..... Charleston, S. C.
Travis Levet Norman ..... Eden, N. C.
Jerry Chukwujekwu Osakwe ..... Nigeria, West Africa
David Lee Owens ..... Chester, S. C.
Regina Lee Scott ..... Raleigh, N. C.
Reginald René Scott ..... Rural Hall, N. C.
Wilma Louise Stowe ..... Charlotte, N. C.

Charles Theodore Summers ..... Charlotte, N. C.
Martin Jerome Tillman ..... Monroe, N. C.
Linda Regina Tucker ..... Ridgeway, S. C.
Claudine Lafay' Williams ..... Smithfield, N. C.
Johnny Edward Wilson, Jr. ..... Lincolnton, N. C.

BACHELOR OF SOCIAL WORK

Juanita Pearson Lloyd ..... Pinehurst, N. C.
Yolanda Reneé McDade ..... Brooklyn, N. Y.

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

1980-1981

STATE	MEN	WOMEN	TOTAL
Alabama	4	0	4
California	2	3	5
Connecticut	3	8	11
Delaware	3	0	3
District of Columbia	26	26	52
Florida	20	13	33
Georgia	23	12	35
Illinois	7	10	17
Indiana	6	0	6
Lousiana	0	1	1
Maryland	25	11	36
Massachusetts	5	1	6
Michigan	5	1	6
Mississippi	2	1	3
Nevada	1	0	1
New Jersey	26	15	41
New York	51	43	94
North Carolina	275	415	690
Ohio	2	3	5
Pennsylvania	24	15	39
South Carolina	121	187	308
Tennessee	2	0	2
Texas	6	1	7
Virginia	23	18	41
West Virginia	1	0	1
Wisconsin	2	1	3
St. Croix, Virgin Islands	0	1	1
St. Thomas, Virgin Islands	0	1	1
Ethiopia	0	1	1
Kenya	2	0	2
Liberia	4	2	6
Nigeria	11	1	12
Philippines	1	0	1
Saudi Arabia	2	0	2
Jamaica, West Indies	1	1	2
Zaire	4	0	4
TOTALS	690	792	1482

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

1981-1982

STATE	MEN	WOMEN	TOTAL
Alabama	2	1	3
California	2	4	6
Colorado	0	1	1
Connecticut	2	5	7
Delaware	4	1	5
District of Columbia	27	31	58
Florida	19	11	30
Georgia	24	8	32
Illinois	10	10	20
Indiana	6	0	6
Lousiana	2	1	3
Maryland	21	15	36
Massachusetts	4	3	7
Michigan	7	2	9
Mississippi	0	1	1
Missouri	2	1	3
New Jersey	29	12	41
New York	53	39	92
North Carolina	264	377	641
Ohio	3	2	5
Oregon	0	1	1
Pennsylvania	29	15	44
South Carolina	96	171	267
Tennessee	1	0	1
Texas	9	2	11
Virginia	19	22	41
Washington	1	0	1
West Virginia	1	0	1
Wisconsin	2	1	3
St. Croix, Virgin Islands	0	1	1
Bahamas	0	1	1
Gambia	1	0	1
Ethiopia	0	1	1
Kenya	1	0	1
Liberia	2	2	4
Nigeria	14	0	14
Uganda	1	0	1
West Indies	1	1	2
Zaire	6	0	6
TOTALS	665	743	1408

GENERAL NUMERICAL SUMMARY OF STUDENTS

1980-1981

Class	Men	Women	Total	Working Toward Degree
SENIOR	105	140	245	
JUNIOR	109	133	242	
SOPHOMORE	147	145	292	
ADVANCED FRESHMAN	129	121	250	
FRESHMAN	198	239	437	
SPECIAL	2	14	16	
TOTAL—REGULAR	690	792	1482	1466
SUMMER SESSION—1980	237	232	469	422
TOTAL—REGULAR/SUMMER SESSION	927	1024	1951	1908
DUPLICATIONS—SUMMER SESSION	158	*169	327	326
TOTALS—YEAR	769	855	1624	1582

**Including One Special*

GENERAL NUMERICAL SUMMARY OF STUDENTS

1981-1982

Class	Men	Women	Total	Working Toward Degree
SENIOR	103	110	213	
JUNIOR	94	126	220	
SOPHOMORE	163	143	306	
ADVANCED FRESHMAN	99	118	217	
FRESHMAN	195	230	425	
UNCLASSIFIED	4	2	6	
SPECIAL/ EVENING—SPECIAL	7	14	21	
TOTAL—REGULAR	665	743	1408	1387
SUMMER SESSION—1981	173	196	369	341
TOTAL—REGULAR/SUMMER SESSION	838	939	1777	1728
DUPLICATIONS—SUMMER SESSION	*129	**155	284	280
TOTALS—YEAR	709	784	1493	1448

**Including One Special*

***Including Three Specials*

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